

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030172.D
 Acq On : 26 May 2021 15:39
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

Sohil

5/27/2021 10:33:57 AM

Quant Time: May 26 16:10:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 15:30:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	233714	20.00	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1018508	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	683752	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1346706	20.00	ng/ul	0.00
79) Chrysene-d12	21.397	240	1153234	20.00	ng/ul	0.00
88) Perylene-d12	23.691	264	1060242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	42370	7.42	ng/uL	0.00
4) Pyridine-d5	3.751	84	293102	18.31	ng/ul	0.00
7) Phenol-d5	7.034	99	387519	18.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	245119	18.90	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	309992	20.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	315517	19.34	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	141420	21.27	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	138995	21.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	330514	20.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	460592	18.98	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	995126	19.04	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	1280974	19.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	158394	18.75	ng/ul	0.00
60) Fluorene-d10	15.486	176	852964	18.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	120507	18.46	ng/ul	0.00
73) Anthracene-d10	17.333	188	1279325	19.19	ng/ul	0.00
81) Pyrene-d10	19.615	212	1298603	21.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.544	264	1142643	19.01	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	46732	7.61	ng/uL	95
5) Pyridine	3.775	79	304050	18.49	ng/ul	95
6) Benzaldehyde	7.022	77	258421	23.57	ng/ul	96
8) Phenol	7.057	94	394424	18.89	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.298	93	321477	19.19	ng/ul	97
12) 2-Chlorophenol	7.439	128	313989	19.92	ng/ul	100
13) 2-Methylphenol	8.310	108	302815	19.18	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.404	45	518856	18.63	ng/ul	98
16) Acetophenone	8.698	105	515546	19.55	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	276575	19.88	ng/ul	98
18) 4-Methylphenol	8.633	108	329445	19.38	ng/ul	97
19) Hexachloroethane	8.963	117	128183	18.99	ng/ul	98
22) Nitrobenzene	9.075	77	364554	20.26	ng/ul	99
23) Isophorone	9.604	82	722084	19.03	ng/ul	99
25) 2-Nitrophenol	9.786	139	158166	22.12	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	367063	19.30	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.080	93	445407	19.15	ng/ul	97
29) 2,4-Dichlorophenol	10.316	162	317372	20.13	ng/ul	99
30) Naphthalene	10.722	128	1070841	19.16	ng/ul	100
32) 4-Chloroaniline	10.827	127	479013	19.07	ng/ul	98
33) Hexachlorobutadiene	11.010	225	209804	19.53	ng/ul	98
34) Caprolactam	11.639	113	88311m	18.34	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	326175	19.74	ng/ul	98
36) 2-Methylnaphthalene	12.327	142	804544	19.26	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	783931	19.30	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.698	216	431584	19.45	ng/ul	98
40) Hexachlorocyclopentadiene	12.680	237	281069	18.08	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	253604	20.37	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	276743	20.54	ng/ul	98
43) 1,1'-Biphenyl	13.339	154	1037105	19.02	ng/ul	99
44) 2-Chloronaphthalene	13.380	162	801462	19.12	ng/ul	99
45) 2-Nitroaniline	13.574	65	194263	20.17	ng/ul	93
47) Dimethylphthalate	13.957	163	985612	19.09	ng/ul	99
48) 2,6-Dinitrotoluene	14.068	165	174448	21.20	ng/ul	97
50) Acenaphthylene	14.221	152	1243123	19.10	ng/ul	100
51) 3-Nitroaniline	14.398	138	185088	19.30	ng/ul	98
52) Acenaphthene	14.563	153	862721	18.77	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	125525	24.30	ng/ul	95
55) 4-Nitrophenol	14.698	109	228574	24.64	ng/ul	97
56) Dibenzofuran	14.898	168	1198374	18.84	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	249083	20.87	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.121	232	232448	20.43	ng/ul	99
59) Diethylphthalate	15.315	149	977755	18.69	ng/ul	100
61) Fluorene	15.545	166	1000921	18.54	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	499282	18.87	ng/ul	99
63) 4-Nitroaniline	15.557	138	194704	19.74	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.615	198	123676	18.36	ng/ul	100
67) N-Nitrosodiphenylamine	15.751	169	872250	19.86	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	302814	19.98	ng/ul	98
69) Hexachlorobenzene	16.545	284	338363	19.53	ng/ul	99
70) Atrazine	16.698	200	287449	18.24	ng/ul	100
71) Pentachlorophenol	16.880	266	231168	21.85	ng/ul	99
72) Phenanthrene	17.274	178	1500835	19.02	ng/ul	99
74) Anthracene	17.368	178	1550654	19.15	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	448660	20.42	ng/uL	99
76) Pentachlorobenzene	14.815	250	415479	20.38	ng/uL	99
77) Carbazole	17.633	167	1351231	18.42	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1506685	18.49	ng/ul	100
80) Fluoranthene	19.280	202	1620942	21.45	ng/ul	99
82) Pyrene	19.645	202	1671935	21.17	ng/ul	99
83) Butylbenzylphthalate	20.533	149	538015	19.96	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.309	252	497376	20.37	ng/ul	100
85) Benzo(a)anthracene	21.380	228	1458703	19.20	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	806954	18.65	ng/ul	99
87) Chrysene	21.433	228	1420635	19.21	ng/ul	100
89) Di-n-octyl phthalate	22.203	149	1257583	18.45	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	1414862	19.91	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	1317819	18.81	ng/ul	99
93) Benzo(a)pyrene	23.591	252	1207751	19.26	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.032	276	1504746	19.16	ng/ul	100
95) Dibenzo(a,h)anthracene	26.044	278	1279351	19.48	ng/ul	98
96) Benzo(g,h,i)perylene	26.744	276	1259316	19.62	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

5/27/2021 10:33:57 AM

Abundance

TIC: BM030172.D\data.ms

Time-->

1.4-Dioxane-d8,S
Pyridine-d5,S
Piperazine-d6,
Benzene-d6,
Bis(2-chlorophenyl)methane
1,4-Dichlorobenzene-d4,l
2,2,2-Methylpropane
4-Methylphenylamine,P
Nitrobenzene
Isophthalic acid
2-Nitrotoluene
Bis(2-chloroethoxy)ethane
2,4-Dichlorophenol,d5,S
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylnaphthalene
Methylenebis(methylene)
2,4,6-Tris(hydroxy)phenyl,C
1,3,5-Triazapentalene
2-Nitroaniline
Diphenylmethane-d6,S
2,6-Dimethylanthracene-d8,S
3-Nitroaniline
2,2'-Dimethylbiphenylene
2,2'-Dimethylbiphenylene
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4-Chlorophenyl-phenylether
N,N-Dimethylphenylamine
4-Bromodiphenylether
Atrazine
Penachlorophenol,C
Carbazole
Di-n-butylphthalate
Fluoranthene
Pyrene-d10,S
Butylbenzylphthalate
Cinnamyl benzoate
Benzylbutylphthalate
Di-n-octyl phthalate
Benzene(d,l)-varanthene
Benzene(d,l)-varanthene
Benzene(d,l)-varanthene-d12,S
Benzene(d,l)-varanthene
Dibenzodihydronaphthalene
Benzo(g,h,i)perylene