

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
 Data File : BM030180.D
 Acq On : 26 May 2021 22:28
 Operator : CG/JU
 Sample : PB136653BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS653

Manual Integrations
 APPROVED

Sohil
 5/27/2021 10:34:06 AM

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Quant Time: May 27 02:41:06 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	246780	20.00	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1095956	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	744936	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1575885	20.00	ng/ul	0.00
79) Chrysene-d12	21.392	240	1435242	20.00	ng/ul	0.00
88) Perylene-d12	23.686	264	1167260	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	37024	6.14	ng/uL	0.00
4) Pyridine-d5	3.752	84	515609	30.50	ng/ul	0.00
7) Phenol-d5	7.034	99	816231	37.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	501791	36.64	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	625706	38.50	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	661571	38.40	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	305509	42.71	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	310523	45.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	697671	39.69	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	937372	35.90	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2257312	39.63	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2791777	38.03	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	398844	43.34	ng/ul	0.00
60) Fluorene-d10	15.486	176	1959968	39.43	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	334057	43.73	ng/ul	0.00
73) Anthracene-d10	17.333	188	2983787	38.26	ng/ul	0.00
81) Pyrene-d10	19.615	212	3301851	42.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	2681639	40.53	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	84846	13.08	ng/uL	98
5) Pyridine	3.769	79	497530	28.66	ng/ul	99
6) Benzaldehyde	7.016	77	445465	38.48	ng/ul	98
8) Phenol	7.063	94	735365	33.36	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.298	93	574695	32.48	ng/ul	98
12) 2-Chlorophenol	7.440	128	565304	33.97	ng/ul	99
13) 2-Methylphenol	8.310	108	562218	33.73	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.404	45	933399	31.75	ng/ul	99
16) Acetophenone	8.698	105	934639	33.56	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.687	70	498332	33.93	ng/ul	98
18) 4-Methylphenol	8.640	108	620103	34.55	ng/ul	99
19) Hexachloroethane	8.963	117	224571	31.51	ng/ul	99
22) Nitrobenzene	9.075	77	681947	35.21	ng/ul	99
23) Isophorone	9.604	82	1372332	33.61	ng/ul	100
25) 2-Nitrophenol	9.787	139	311317	40.47	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	595400	29.09	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	840598	33.59	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	605567	35.69	ng/ul	99
30) Naphthalene	10.722	128	1937304	32.22	ng/ul	100
32) 4-Chloroaniline	10.822	127	816220	30.20	ng/ul	100
33) Hexachlorobutadiene	11.010	225	368199	31.85	ng/ul	99
34) Caprolactam	11.598	113	206462m	39.85	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	655773	36.87	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	1480263	32.92	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1444585	33.05	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.698	216	794052	32.85	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	392712	23.19	ng/ul	100
41) 2,4,6-Trichlorophenol	12.933	196	512192	37.76	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	562388	38.32	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	1976701	33.27	ng/ul	100
44) 2-Chloronaphthalene	13.380	162	1527888	33.45	ng/ul	99
45) 2-Nitroaniline	13.574	65	438868	41.83	ng/ul	94
47) Dimethylphthalate	13.957	163	2018606	35.88	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	395764	44.14	ng/ul	92
50) Acenaphthylene	14.222	152	2317285	32.69	ng/ul	100
51) 3-Nitroaniline	14.398	138	402460	38.51	ng/ul#	99
52) Acenaphthene	14.563	153	1710552	34.16	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	200384	35.60	ng/ul	99
55) 4-Nitrophenol	14.698	109	277792	27.49	ng/ul	97
56) Dibenzofuran	14.898	168	2393545	34.53	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	571413	43.95	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.121	232	497462	40.14	ng/ul	99
59) Diethylphthalate	15.316	149	2076469	36.44	ng/ul	99
61) Fluorene	15.545	166	2058349	35.00	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	1011974	35.10	ng/ul	99
63) 4-Nitroaniline	15.563	138	442734	41.21	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.616	198	308911	39.20	ng/ul	98
67) N-Nitrosodiphenylamine	15.751	169	1775046	34.53	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	635032	35.80	ng/ul	98
69) Hexachlorobenzene	16.545	284	721717	35.60	ng/ul	99
70) Atrazine	16.698	200	635816	34.49	ng/ul	99
71) Pentachlorophenol	16.880	266	408484	32.99	ng/ul	99
72) Phenanthrene	17.274	178	3274017	35.45	ng/ul	100
74) Anthracene	17.368	178	3257772	34.39	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	799607	31.10	ng/uL	99
76) Pentachlorobenzene	14.816	250	798747	33.49	ng/uL	100
77) Carbazole	17.633	167	2953645	34.41	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3566314	37.40	ng/ul	100
80) Fluoranthene	19.280	202	3726042	39.62	ng/ul	99
82) Pyrene	19.645	202	3809538	38.76	ng/ul	99
83) Butylbenzylphthalate	20.533	149	1409990	42.03	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.309	252	1053633	34.67	ng/ul	98
85) Benzo(a)anthracene	21.374	228	3383818	35.78	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	2092617	38.87	ng/ul	99
87) Chrysene	21.427	228	3246578	35.27	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	3169586	42.23	ng/ul	100
90) Benzo(b)fluoranthene	22.992	252	3063273	39.16	ng/ul	100
91) Benzo(k)fluoranthene	23.039	252	2984264	38.69	ng/ul	100
93) Benzo(a)pyrene	23.586	252	2612858	37.84	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.027	276	3125674	36.14	ng/ul	100
95) Dibenzo(a,h)anthracene	26.038	278	2626942	36.33	ng/ul	98
96) Benzo(g,h,i)perylene	26.744	276	2506198	35.47	ng/ul	100

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

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