

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030219.D
 Acq On : 28 May 2021 03:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020022

Manual Integrations
 APPROVED

mohammad
 5/28/2021 12:37:40 PM

Quant Time: May 28 04:23:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 28 02:10:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	341265	20.00	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1468393	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	917400	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1730108	20.00	ng/ul	0.00
79) Chrysene-d12	21.380	240	1556139	20.00	ng/ul	0.00
88) Perylene-d12	23.668	264	1503400	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	57846	6.94	ng/uL	0.00
4) Pyridine-d5	3.746	84	404816	17.32	ng/ul	0.00
7) Phenol-d5	7.028	99	527372	17.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	337076	17.80	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	418738	18.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	419414	17.60	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	193758	20.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	197352	21.62	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	434064	18.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	586816	16.78	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1191785	16.99	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1581874	17.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	197753	17.45	ng/ul	0.00
60) Fluorene-d10	15.480	176	1036205	16.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	157210	18.74	ng/ul	0.00
73) Anthracene-d10	17.321	188	1496620	17.48	ng/ul	0.00
81) Pyrene-d10	19.603	212	1552288	18.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1483453	17.41	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	64093	7.15	ng/uL	95
5) Pyridine	3.769	79	413811	17.24	ng/ul	97
6) Benzaldehyde	7.010	77	345128	21.56	ng/ul	98
8) Phenol	7.051	94	542897	17.81	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.292	93	434631	17.76	ng/ul	97
12) 2-Chlorophenol	7.434	128	428030	18.60	ng/ul	100
13) 2-Methylphenol	8.304	108	406756	17.65	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	710221	17.47	ng/ul	99
16) Acetophenone	8.692	105	673464	17.49	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	360410	17.74	ng/ul	98
18) 4-Methylphenol	8.628	108	444640	17.92	ng/ul	97
19) Hexachloroethane	8.951	117	174390	17.70	ng/ul	96
22) Nitrobenzene	9.069	77	497199	19.16	ng/ul	98
23) Isophorone	9.592	82	930576	17.01	ng/ul	99
25) 2-Nitrophenol	9.775	139	221429	21.48	ng/ul	98
26) 2,4-Dimethylphenol	9.833	107	487672	17.78	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	595063	17.75	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	422638	18.59	ng/ul	98
30) Naphthalene	10.710	128	1404483	17.43	ng/ul	99
32) 4-Chloroaniline	10.816	127	604996	16.71	ng/ul	99
33) Hexachlorobutadiene	10.998	225	270940	17.49	ng/ul	98
34) Caprolactam	11.627	113	108435m	15.62	ng/ul	
35) 4-Chloro-3-methylphenol	11.927	107	419526	17.61	ng/ul	97
36) 2-Methylnaphthalene	12.322	142	1042196	17.30	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1008904	17.23	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	547371	18.39	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	423610	20.31	ng/ul	98
41) 2,4,6-Trichlorophenol	12.922	196	325166	19.46	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	356128	19.70	ng/ul	99
43) 1,1'-Biphenyl	13.327	154	1312605	17.94	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1001559	17.81	ng/ul	99
45) 2-Nitroaniline	13.569	65	258083	19.98	ng/ul	91
47) Dimethylphthalate	13.945	163	1177930	17.00	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	223362	20.23	ng/ul	97
50) Acenaphthylene	14.216	152	1540189	17.64	ng/ul	99
51) 3-Nitroaniline	14.386	138	238628	18.54	ng/ul#	97
52) Acenaphthene	14.557	153	1071487	17.37	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	173905	25.09	ng/ul	96
55) 4-Nitrophenol	14.686	109	248432	19.96	ng/ul	97
56) Dibenzofuran	14.892	168	1470361	17.23	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	304260	19.00	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.110	232	287679	18.85	ng/ul	98
59) Diethylphthalate	15.310	149	1151793	16.41	ng/ul	99
61) Fluorene	15.539	166	1208561	16.69	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.527	204	601711	16.94	ng/ul	99
63) 4-Nitroaniline	15.551	138	241865	18.28	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.604	198	160833	18.59	ng/ul	97
67) N-Nitrosodiphenylamine	15.739	169	1030882	18.27	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	347427	17.84	ng/ul	97
69) Hexachlorobenzene	16.539	284	390892	17.56	ng/ul	98
70) Atrazine	16.686	200	332140	16.41	ng/ul	100
71) Pentachlorophenol	16.874	266	283261	20.84	ng/ul	99
72) Phenanthrene	17.268	178	1763195	17.39	ng/ul	100
74) Anthracene	17.357	178	1818288	17.48	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	563557	19.96	ng/uL	98
76) Pentachlorobenzene	14.810	250	495108	18.91	ng/uL	100
77) Carbazole	17.621	167	1562899	16.58	ng/ul	100
78) Di-n-butylphthalate	18.186	149	1767506	16.88	ng/ul	100
80) Fluoranthene	19.274	202	1911947	18.75	ng/ul	98
82) Pyrene	19.633	202	1983331	18.61	ng/ul	99
83) Butylbenzylphthalate	20.521	149	674669	18.55	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.297	252	596290	18.10	ng/ul	98
85) Benzo(a)anthracene	21.368	228	1798515	17.54	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1055383	18.08	ng/ul	99
87) Chrysene	21.415	228	1732592	17.36	ng/ul	100
89) Di-n-octyl phthalate	22.180	149	1731157	17.91	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1766972	17.54	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	1751813	17.63	ng/ul	99
93) Benzo(a)pyrene	23.568	252	1576735	17.73	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.997	276	2041733	18.33	ng/ul	100
95) Dibenzo(a,h)anthracene	26.009	278	1705107	18.31	ng/ul	99
96) Benzo(g,h,i)perylene	26.715	276	1653898	18.17	ng/ul	99

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

