

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030497.D
 Acq On : 21 Jun 2021 09:57
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020001

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:02 AM

Quant Time: Jun 21 10:48:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	204150	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	765169	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	447885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	861862	20.000	ng/u1	0.00
79) Chrysene-d12	21.350	240	871505	20.000	ng/u1	0.00
88) Perylene-d12	23.633	264	905777	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	43075	8.057	ng/uL	0.00
4) Pyridine-d5	3.746	84	251670	17.914	ng/u1	0.00
7) Phenol-d5	6.998	99	327888	18.480	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	206567	18.038	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	274307	21.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	248614	17.544	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	119376	22.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	132656	25.501	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	255013	22.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	319941	18.470	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	627564	20.418	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	845319	22.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	102742	17.858	ng/u1	0.00
60) Fluorene-d10	15.439	176	547293	19.889	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	90991	18.290	ng/u1	0.00
73) Anthracene-d10	17.286	188	816685	20.834	ng/u1	0.00
81) Pyrene-d10	19.568	212	875706	19.198	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.486	264	978436	21.663	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	43901	8.101	ng/uL	97
5) Pyridine	3.763	79	268183	18.083	ng/u1	88
6) Benzaldehyde	6.975	77	212428	25.546	ng/u1	94
8) Phenol	7.022	94	330888	18.413	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.251	93	264284	18.216	ng/u1	99
12) 2-Chlorophenol	7.393	128	279166	21.089	ng/u1	99
13) 2-Methylphenol	8.263	108	241672	18.085	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.351	45	415364	17.774	ng/u1	99
16) Acetophenone	8.645	105	391386	17.468	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	175207	16.089	ng/u1	96
18) 4-Methylphenol	8.592	108	254243	17.254	ng/u1	99
19) Hexachloroethane	8.898	117	118840	21.217	ng/u1	92
22) Nitrobenzene	9.022	77	294781	21.924	ng/u1	99
23) Isophorone	9.545	82	505162	20.548	ng/u1	100
25) 2-Nitrophenol	9.728	139	141681	24.587	ng/u1	99
26) 2,4-Dimethylphenol	9.787	107	277919	21.304	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	326151	19.925	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	245123	22.215	ng/u1	99
30) Naphthalene	10.657	128	796451	20.535	ng/u1	99
32) 4-Chloroaniline	10.769	127	330957	19.088	ng/u1	99
33) Hexachlorobutadiene	10.945	225	170516	24.282	ng/u1	98
34) Caprolactam	11.545	113	62208m	17.607	ng/u1	
35) 4-Chloro-3-methylphenol	11.892	107	225333	20.067	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	560992	20.331	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	544875	19.455	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	303597	23.316	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	192367	23.380	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	185943	23.769	ng/ul	96
42) 2,4,5-Trichlorophenol	12.951	196	195855	22.984	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	690285	21.153	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	540612	21.467	ng/ul	99
45) 2-Nitroaniline	13.527	65	145258	23.073	ng/ul	98
47) Dimethylphthalate	13.904	163	621555	20.701	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	125132	23.256	ng/ul	95
50) Acenaphthylene	14.169	152	798756	21.778	ng/ul	100
51) 3-Nitroaniline	14.351	138	128545	20.954	ng/ul	100
52) Acenaphthene	14.510	153	555534	20.388	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	77873	21.687	ng/ul	98
55) 4-Nitrophenol	14.663	109	84514	18.750	ng/ul	96
56) Dibenzofuran	14.845	168	767054	20.234	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	172721	22.697	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	162946	23.887	ng/ul	96
59) Diethylphthalate	15.263	149	616293	20.799	ng/ul	99
61) Fluorene	15.492	166	633708	19.910	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	322838	21.062	ng/ul	100
63) 4-Nitroaniline	15.516	138	132683	23.099	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.574	198	91123	18.472	ng/ul	98
67) N-Nitrosodiphenylamine	15.698	169	541317	21.321	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	187799	22.402	ng/ul	95
69) Hexachlorobenzene	16.498	284	212390	22.291	ng/ul	97
70) Atrazine	16.651	200	181561	19.926	ng/ul	98
71) Pentachlorophenol	16.839	266	119196	20.414	ng/ul	98
72) Phenanthrene	17.227	178	946393	20.308	ng/ul	99
74) Anthracene	17.321	178	974147	20.712	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	309300	24.941	ng/uL	99
76) Pentachlorobenzene	14.769	250	265839	22.259	ng/uL	99
77) Carbazole	17.586	167	853621	20.435	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1001958	22.904	ng/ul	99
80) Fluoranthene	19.239	202	1071350	19.114	ng/ul	99
82) Pyrene	19.598	202	1121258	18.916	ng/ul	98
83) Butylbenzylphthalate	20.492	149	447396	24.048	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	385748	24.476	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1113596	21.147	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	695095	24.630	ng/ul	98
87) Chrysene	21.392	228	1074231	20.689	ng/ul	100
89) Di-n-octyl phthalate	22.150	149	1186691	20.341	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1172322	20.135	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	1098958	19.760	ng/ul	98
93) Benzo(a)pyrene	23.533	252	1021616	20.075	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.938	276	1331605	21.261	ng/ul	96
95) Dibenzo(a,h)anthracene	25.950	278	1120152	21.242	ng/ul	98
96) Benzo(g,h,i)perylene	26.644	276	1099623	21.365	ng/ul	96

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

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