

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030754.D
 Acq On : 01 Jul 2021 22:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020012

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:03:41 PM

Quant Time: Jul 02 02:36:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	118064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	458423	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	261007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	486120	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	505189	20.000	ng/u1	0.00
88) Perylene-d12	23.562	264	572687	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	21539	7.396	ng/uL	0.00
4) Pyridine-d5	3.675	84	145771	18.630	ng/u1	0.00
7) Phenol-d5	6.940	99	186067	18.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	116468	18.198	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	150405	19.136	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	142362	17.966	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	66481	19.434	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	72397	19.044	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	139764	19.192	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	180046	17.729	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	342314	18.994	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	460533	19.687	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	59080	17.304	ng/u1	0.00
60) Fluorene-d10	15.392	176	304786	19.068	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	49022	15.414	ng/u1	0.00
73) Anthracene-d10	17.239	188	437800	19.297	ng/u1	0.00
81) Pyrene-d10	19.527	212	466554	17.625	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	578771	19.439	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	23586	7.615	ng/uL	95
5) Pyridine	3.693	79	154986	18.401	ng/u1	95
6) Benzaldehyde	6.922	77	116238m	23.478	ng/u1	
8) Phenol	6.969	94	189296	18.386	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.204	93	146968	18.112	ng/u1	99
12) 2-Chlorophenol	7.340	128	152162	19.212	ng/u1	98
13) 2-Methylphenol	8.210	108	135766	18.197	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.304	45	240369	18.687	ng/u1	99
16) Acetophenone	8.592	105	217692	17.790	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	111632	18.443	ng/u1	98
18) 4-Methylphenol	8.540	108	144801	17.822	ng/u1	95
19) Hexachloroethane	8.845	117	63766	19.215	ng/u1	96
22) Nitrobenzene	8.969	77	175739	20.365	ng/u1	98
23) Isophorone	9.498	82	280585	18.776	ng/u1	99
25) 2-Nitrophenol	9.681	139	77935	19.307	ng/u1	97
26) 2,4-Dimethylphenol	9.734	107	159121	19.503	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.975	93	181070	18.624	ng/u1	99
29) 2,4-Dichlorophenol	10.210	162	134673	19.303	ng/u1	98
30) Naphthalene	10.610	128	448915	19.341	ng/u1	98
32) 4-Chloroaniline	10.722	127	183229	18.173	ng/u1	100
33) Hexachlorobutadiene	10.892	225	91512	19.399	ng/u1	98
34) Caprolactam	11.498	113	33663m	16.624	ng/u1	
35) 4-Chloro-3-methylphenol	11.839	107	129286	18.872	ng/u1	99
36) 2-Methylnaphthalene	12.222	142	307451	18.982	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	305730	18.648	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.592	216	163571	20.087	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	90092	16.955	ng/ul	97
41) 2,4,6-Trichlorophenol	12.833	196	99584	19.418	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	105954	19.359	ng/ul	98
43) 1,1'-Biphenyl	13.233	154	379759	19.714	ng/ul	100
44) 2-Chloronaphthalene	13.275	162	299503	19.777	ng/ul	100
45) 2-Nitroaniline	13.486	65	84532	20.770	ng/ul	95
47) Dimethylphthalate	13.863	163	335815	19.018	ng/ul	100
48) 2,6-Dinitrotoluene	13.980	165	66255	19.474	ng/ul	98
50) Acenaphthylene	14.122	152	435539	20.072	ng/ul	99
51) 3-Nitroaniline	14.310	138	69092	19.064	ng/ul	99
52) Acenaphthene	14.463	153	306603	19.470	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	40649	18.174	ng/ul	97
55) 4-Nitrophenol	14.616	109	51361	18.803	ng/ul	97
56) Dibenzofuran	14.804	168	426812	19.441	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	94490	19.835	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.027	232	84474	19.066	ng/ul#	96
59) Diethylphthalate	15.221	149	324761	19.146	ng/ul	100
61) Fluorene	15.451	166	343915	19.008	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	169329	18.792	ng/ul	99
63) 4-Nitroaniline	15.474	138	70903	20.544	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.533	198	49681	16.052	ng/ul	96
67) N-Nitrosodiphenylamine	15.657	169	285006	19.672	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	96842	19.524	ng/ul	95
69) Hexachlorobenzene	16.451	284	111367	19.411	ng/ul	98
70) Atrazine	16.610	200	93018	18.101	ng/ul	96
71) Pentachlorophenol	16.798	266	64167	17.848	ng/ul	100
72) Phenanthrene	17.186	178	505446	19.362	ng/ul	100
74) Anthracene	17.274	178	518781	19.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	161320	20.806	ng/uL	98
76) Pentachlorobenzene	14.722	250	145782	19.738	ng/uL	98
77) Carbazole	17.545	167	448831	18.752	ng/ul	98
78) Di-n-butylphthalate	18.104	149	472531	19.375	ng/ul	99
80) Fluoranthene	19.192	202	564816	17.471	ng/ul	99
82) Pyrene	19.556	202	602254	17.729	ng/ul	99
83) Butylbenzylphthalate	20.451	149	200896	17.966	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	186074	18.685	ng/ul	99
85) Benzo(a)anthracene	21.298	228	610882	19.485	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	289134	17.978	ng/ul	99
87) Chrysene	21.345	228	587882	19.235	ng/ul	99
89) Di-n-octyl phthalate	22.103	149	510165	15.486	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	681061	18.732	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	671122	19.207	ng/ul	98
93) Benzo(a)pyrene	23.462	252	629685	19.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	844830	20.527	ng/ul	98
95) Dibenzo(a,h)anthracene	25.844	278	703380	20.616	ng/ul	99
96) Benzo(g,h,i)perylene	26.538	276	696032	20.270	ng/ul	99

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

