

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010622\
 Data File : BM033660.D
 Acq On : 06 Jan 2022 12:36
 Operator : CG/JU
 Sample : SST02020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020020

Quant Time: Jan 06 15:19:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 15:17:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	153896	20.000	ng/u1	0.00
20) Naphthalene-d8	10.801	136	682318	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.618	164	461886	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.354	188	994695	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	1069372	20.000	ng/u1	0.00
88) Perylene-d12	23.947	264	1083380	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	33124	8.088	ng/uL	0.00
4) Pyridine-d5	3.749	84	231439	19.491	ng/u1	0.00
7) Phenol-d5	7.131	99	277960	19.074	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	176236	18.472	ng/u1	0.00
11) 2-Chlorophenol-d4	7.507	132	220849	21.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.689	113	233603	20.480	ng/u1	0.00
21) Nitrobenzene-d5	9.142	128	112005	20.231	ng/u1	0.00
24) 2-Nitrophenol-d4	9.872	143	119961	21.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.413	165	229196	21.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.925	131	332610	20.898	ng/u1	0.00
46) Dimethylphthalate-d6	14.030	166	755708	21.898	ng/u1	0.00
49) Acenaphthylene-d8	14.313	160	896229	20.949	ng/u1	0.00
54) 4-Nitrophenol-d4	14.795	143	143065	22.832	ng/u1	0.00
60) Fluorene-d10	15.607	176	621081	20.120	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	112917	18.808	ng/u1	0.00
73) Anthracene-d10	17.454	188	1006538	20.475	ng/u1	0.00
81) Pyrene-d10	19.736	212	1189331	19.899	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.794	264	1161109	19.773	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	35319	7.748	ng/uL#	90
5) Pyridine	3.766	79	236348	19.327	ng/u1	89
6) Benzaldehyde	7.107	77	187410	23.084	ng/u1#	82
8) Phenol	7.154	94	289362	19.277	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.395	93	232224	20.565	ng/u1	92
12) 2-Chlorophenol	7.537	128	231380	21.930	ng/u1	90
13) 2-Methylphenol	8.419	108	223255	20.515	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.519	45	327274	16.796	ng/u1	96
16) Acetophenone	8.807	105	379278	20.073	ng/u1	87
17) N-Nitroso-di-n-propyla...	8.795	70	196035	18.980	ng/u1	89
18) 4-Methylphenol	8.754	108	245212	20.594	ng/u1	99
19) Hexachloroethane	9.078	117	97120	18.220	ng/u1	90
22) Nitrobenzene	9.184	77	283628	17.498	ng/u1	92
23) Isophorone	9.719	82	549528	19.799	ng/u1	97
25) 2-Nitrophenol	9.901	139	129315	21.474	ng/u1#	83
26) 2,4-Dimethylphenol	9.966	107	296978	20.339	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.201	93	326506	20.916	ng/u1	99
29) 2,4-Dichlorophenol	10.442	162	229200	21.092	ng/u1	98
30) Naphthalene	10.848	128	787211	20.703	ng/u1	99
32) 4-Chloroaniline	10.948	127	336669	21.047	ng/u1	98
33) Hexachlorobutadiene	11.148	225	156263	19.645	ng/u1	96
34) Caprolactam	11.713	113	76762m	20.947	ng/u1	
35) 4-Chloro-3-methylphenol	12.072	107	282834	22.174	ng/u1	88
36) 2-Methylnaphthalene	12.460	142	545262	21.146	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	556670	20.773	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.824	216	282837	20.324	ng/ul	99
40) Hexachlorocyclopentadiene	12.813	237	178839	19.690	ng/ul	99
41) 2,4,6-Trichlorophenol	13.060	196	184934	22.576	ng/ul	96
42) 2,4,5-Trichlorophenol	13.124	196	204578	23.053	ng/ul	93
43) 1,1'-Biphenyl	13.460	154	749850	21.221	ng/ul	98
44) 2-Chloronaphthalene	13.501	162	561352	20.648	ng/ul	99
45) 2-Nitroaniline	13.689	65	184368	19.016	ng/ul#	85
47) Dimethylphthalate	14.077	163	749194	21.864	ng/ul	99
48) 2,6-Dinitrotoluene	14.189	165	146481	22.114	ng/ul	94
50) Acenaphthylene	14.342	152	951611	21.364	ng/ul	99
51) 3-Nitroaniline	14.513	138	157859	24.212	ng/ul	88
52) Acenaphthene	14.683	153	617947	20.903	ng/ul	96
53) 2,4-Dinitrophenol	14.713	184	76925	19.762	ng/ul#	89
55) 4-Nitrophenol	14.807	109	138774	20.491	ng/ul	89
56) Dibenzofuran	15.018	168	883937	20.619	ng/ul	98
57) 2,4-Dinitrotoluene	14.971	165	220010	22.610	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.236	232	172544	22.872	ng/ul	96
59) Diethylphthalate	15.436	149	791619	22.259	ng/ul	100
61) Fluorene	15.665	166	718071	20.371	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.660	204	359885	20.467	ng/ul	98
63) 4-Nitroaniline	15.665	138	161458	24.115	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.730	198	116471	19.476	ng/ul#	90
67) N-Nitrosodiphenylamine	15.865	169	628460	21.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.548	248	204439	20.406	ng/ul	97
69) Hexachlorobenzene	16.665	284	247522	21.443	ng/ul	97
70) Atrazine	16.812	200	248258	21.393	ng/ul	98
71) Pentachlorophenol	17.007	266	153784	23.758	ng/ul	98
72) Phenanthrene	17.401	178	1179631	20.557	ng/ul	99
74) Anthracene	17.489	178	1193328	20.512	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.424	216	311353	21.703	ng/uL	97
76) Pentachlorobenzene	14.942	250	290683	20.518	ng/uL	99
77) Carbazole	17.754	167	1092541	20.777	ng/ul	98
78) Di-n-butylphthalate	18.324	149	1384315	23.462	ng/ul	99
80) Fluoranthene	19.406	202	1417679	20.124	ng/ul	99
82) Pyrene	19.765	202	1459504	19.789	ng/ul	99
83) Butylbenzylphthalate	20.659	149	640994	22.690	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.430	252	505973	20.817	ng/ul	95
85) Benzo(a)anthracene	21.500	228	1445295	20.571	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.436	149	994488	24.493	ng/ul	98
87) Chrysene	21.559	228	1400907	20.287	ng/ul	99
89) Di-n-octyl phthalate	22.371	149	1718889	21.640	ng/ul	100
90) Benzo(b)fluoranthene	23.206	252	1485042	20.007	ng/ul	99
91) Benzo(k)fluoranthene	23.253	252	1416205	20.606	ng/ul	99
93) Benzo(a)pyrene	23.841	252	1421689	19.961	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.488	276	1451257	18.736	ng/ul	96
95) Dibenzo(a,h)anthracene	26.512	278	1241161	18.421	ng/ul	97
96) Benzo(g,h,i)perylene	27.265	276	1179322	17.851	ng/ul	98

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

