

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061622\
 Data File : BM035480.D
 Acq On : 16 Jun 2022 14:40
 Operator : CG/JU
 Sample : SST02049
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020049

Quant Time: Jun 17 01:04:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 00:59:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :Yogesh Patel 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	243722	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	1017556	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	583379	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	1160528	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1194038	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1308570	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	47329	8.024	ng/uL	0.00
4) Pyridine-d5	3.687	84	280274	18.419	ng/u1	0.00
7) Phenol-d5	6.998	99	344592	19.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	217716	19.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	311243	19.546	ng/u1	0.00
15) 4-Methylphenol-d8	8.539	113	283379	18.781	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	143459	17.982	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	156601	17.531	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	263241	16.568	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	397802	18.157	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	752537	17.706	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	943090	18.566	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	97232	12.903	ng/u1	0.00
60) Fluorene-d10	15.451	176	652072	18.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	119540	15.952	ng/u1	0.00
73) Anthracene-d10	17.304	188	991983	18.364	ng/u1	0.00
81) Pyrene-d10	19.598	212	1108342	17.428	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	1202908	18.138	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	48092	7.846	ng/uL	100
5) Pyridine	3.704	79	297431	18.860	ng/u1	100
6) Benzaldehyde	6.963	77	185613m	20.826	ng/u1	
8) Phenol	7.028	94	371895	19.686	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.240	93	289733	19.787	ng/u1	100
12) 2-Chlorophenol	7.381	128	324169	19.927	ng/u1	100
13) 2-Methylphenol	8.275	108	271707	19.162	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.345	45	435422	20.932	ng/u1	100
16) Acetophenone	8.645	105	445341	19.055	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.628	70	215659	19.463	ng/u1	100
18) 4-Methylphenol	8.604	108	292223	19.285	ng/u1	100
19) Hexachloroethane	8.886	117	126614	17.905	ng/u1	100
22) Nitrobenzene	9.016	77	313617	16.439	ng/u1	100
23) Isophorone	9.545	82	573527	17.034	ng/u1	100
25) 2-Nitrophenol	9.733	139	170527	17.832	ng/u1	100
26) 2,4-Dimethylphenol	9.804	107	320396	16.998	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.028	93	373664	18.438	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	269613	16.829	ng/u1	100
30) Naphthalene	10.657	128	979756	18.615	ng/u1	100
32) 4-Chloroaniline	10.786	127	392982	17.937	ng/u1	100
33) Hexachlorobutadiene	10.945	225	167312	14.362	ng/u1	100
34) Caprolactam	11.575	113	79787	17.285	ng/u1	100
35) 4-Chloro-3-methylphenol	11.927	107	275962	17.158	ng/u1	100
36) 2-Methylnaphthalene	12.280	142	636366	18.050	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	640060	18.112	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	311284	16.594	ng/ul	100
40) Hexachlorocyclopentadiene	12.627	237	87064	6.509	ng/ul	100
41) 2,4,6-Trichlorophenol	12.904	196	193624	16.162	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	202624	15.935	ng/ul	100
43) 1,1'-Biphenyl	13.292	154	830544	18.389	ng/ul	100
44) 2-Chloronaphthalene	13.333	162	637148	18.192	ng/ul	100
45) 2-Nitroaniline	13.551	65	165361	16.803	ng/ul	100
47) Dimethylphthalate	13.921	163	753217	17.700	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	151135	17.831	ng/ul	100
50) Acenaphthylene	14.174	152	1038068	19.015	ng/ul	100
51) 3-Nitroaniline	14.380	138	146980	18.083	ng/ul	100
52) Acenaphthene	14.521	153	681270	18.738	ng/ul	100
53) 2,4-Dinitrophenol	14.610	184	59999	10.805	ng/ul	100
55) 4-Nitrophenol	14.716	109	63513	8.985	ng/ul	100
56) Dibenzofuran	14.857	168	928226	18.255	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	221970	18.650	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.098	232	165239	16.040	ng/ul	100
59) Diethylphthalate	15.280	149	764556	17.742	ng/ul	100
61) Fluorene	15.504	166	758428	18.332	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	357076	17.002	ng/ul	100
63) 4-Nitroaniline	15.545	138	136879	18.587	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.604	198	120781	16.080	ng/ul	100
67) N-Nitrosodiphenylamine	15.715	169	643691	18.335	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	208115	16.932	ng/ul	100
69) Hexachlorobenzene	16.515	284	240937	17.166	ng/ul	100
70) Atrazine	16.674	200	218911	15.981	ng/ul	100
71) Pentachlorophenol	16.874	266	114861	12.246	ng/ul	100
72) Phenanthrene	17.245	178	1174280	18.687	ng/ul	100
74) Anthracene	17.339	178	1206952	18.848	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	325319	16.092	ng/ul	100
76) Pentachlorobenzene	14.780	250	299116	17.224	ng/ul	100
77) Carbazole	17.615	167	1083179	19.114	ng/ul	100
78) Di-n-butylphthalate	18.174	149	1335780	16.471	ng/ul	100
80) Fluoranthene	19.268	202	1344090	17.595	ng/ul	100
82) Pyrene	19.627	202	1417271	18.025	ng/ul	100
83) Butylbenzylphthalate	20.527	149	600014	17.815	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.315	252	456330	18.590	ng/ul	100
85) Benzo(a)anthracene	21.374	228	1359335	17.820	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.309	149	897658	17.725	ng/ul	100
87) Chrysene	21.427	228	1369483	18.413	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	1574908	16.786	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	1449784	17.036	ng/ul	100
91) Benzo(k)fluoranthene	23.068	252	1434615	17.745	ng/ul	100
93) Benzo(a)pyrene	23.627	252	1489133	17.959	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.150	276	1754825	18.417	ng/ul	100
95) Dibenzo(a,h)anthracene	26.162	278	1505839	18.399	ng/ul	100
96) Benzo(g,h,i)perylene	26.897	276	1503159	18.965	ng/ul	100

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

