

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035954.D
 Acq On : 27 Jul 2022 17:11
 Operator : CG/JU
 Sample : N3741-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0B12MSD

Quant Time: Jul 27 23:13:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	294365	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.698	136	1201819	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.527	164	679005	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.268	188	1334333	20.000	ng/u1	-0.01
79) Chrysene-d12	21.444	240	1187843	20.000	ng/u1	-0.02
88) Perylene-d12	23.821	264	1257834	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37873	4.841	ng/uL	0.00
4) Pyridine-d5	3.698	84	321387	14.996	ng/u1	0.00
7) Phenol-d5	7.057	99	648943	26.289	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	387749	23.562	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	559952	27.328	ng/u1	-0.01
15) 4-Methylphenol-d8	8.610	113	507075	25.356	ng/u1	-0.01
21) Nitrobenzene-d5	9.057	128	265455	27.874	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.780	143	282880	30.488	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	505314	30.112	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.839	131	689063	24.256	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	1486057	32.129	ng/u1	0.00
49) Acenaphthylene-d8	14.221	160	1802250	30.540	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.733	143	232548	24.484	ng/u1	-0.02
60) Fluorene-d10	15.515	176	1291136	30.892	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	174326	24.305	ng/u1	-0.02
73) Anthracene-d10	17.368	188	1976310	32.760	ng/u1	-0.01
81) Pyrene-d10	19.656	212	2262408	34.366	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.668	264	2143781	33.571	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	88984	10.976	ng/uL	92
5) Pyridine	3.722	79	427012	18.987	ng/u1	87
6) Benzaldehyde	7.028	77	485947	46.904	ng/u1	96
8) Phenol	7.081	94	762015	28.208	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	604875	27.851	ng/u1	95
12) 2-Chlorophenol	7.451	128	636836	30.298	ng/u1	97
13) 2-Methylphenol	8.339	108	554649	27.484	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.428	45	790035	27.559	ng/u1	96
16) Acetophenone	8.722	105	901900	28.090	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	453085	28.298	ng/u1	94
18) 4-Methylphenol	8.669	108	607526	28.062	ng/u1	97
19) Hexachloroethane	8.969	117	268775	30.992	ng/u1	96
22) Nitrobenzene	9.098	77	657121	30.153	ng/u1	99
23) Isophorone	9.627	82	1261597	30.667	ng/u1	99
25) 2-Nitrophenol	9.810	139	344840	33.501	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	406217	19.313	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	770943	29.714	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	562648	32.304	ng/u1	99
30) Naphthalene	10.745	128	1948506	30.716	ng/u1	100
32) 4-Chloroaniline	10.863	127	754381	26.732	ng/u1	97
33) Hexachlorobutadiene	11.027	225	356782	33.181	ng/u1	99
34) Caprolactam	11.645	113	182828	31.761	ng/u1	86
35) 4-Chloro-3-methylphenol	11.986	107	582417	32.158	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	1276853	30.765	ng/u1	99

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37) 1-Methylnaphthalene	12.574	142	1285047	30.718	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.721	216	635193	32.863	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	263027	20.433	ng/ul	98
41) 2,4,6-Trichlorophenol	12.968	196	428009	34.603	ng/ul	99
42) 2,4,5-Trichlorophenol	13.039	196	458831	34.765	ng/ul	99
43) 1,1'-Biphenyl	13.368	154	1679108	32.128	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1294901	32.285	ng/ul	98
45) 2-Nitroaniline	13.615	65	374683	33.884	ng/ul	96
47) Dimethylphthalate	13.992	163	1567368	33.690	ng/ul	100
48) 2,6-Dinitrotoluene	14.115	165	335615	36.335	ng/ul	99
50) Acenaphthylene	14.251	152	2111065	32.338	ng/ul	99
51) 3-Nitroaniline	14.439	138	365209	35.777	ng/ul	94
52) Acenaphthene	14.592	153	1350370	31.885	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	162346	30.956	ng/ul	95
55) 4-Nitrophenol	14.745	109	228520	31.458	ng/ul	84
56) Dibenzofuran	14.927	168	1907792	32.557	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	477267	36.656	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.151	232	367817	35.470	ng/ul	95
59) Diethylphthalate	15.351	149	1665206	35.386	ng/ul	99
61) Fluorene	15.574	166	1550737	32.396	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	746995	32.570	ng/ul	97
63) 4-Nitroaniline	15.598	138	394762	42.006	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.662	198	244623	34.084	ng/ul#	97
67) N-Nitrosodiphenylamine	15.780	169	1316959	33.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.462	248	466761	35.682	ng/ul	97
69) Hexachlorobenzene	16.574	284	563928	35.381	ng/ul	97
70) Atrazine	16.733	200	495677	36.431	ng/ul	98
71) Pentachlorophenol	16.915	266	276792	28.427	ng/ul	99
72) Phenanthrene	17.309	178	2417908	33.809	ng/ul	98
74) Anthracene	17.403	178	2412719	33.621	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	644564	31.063	ng/ul	99
76) Pentachlorobenzene	14.845	250	640757	34.066	ng/ul	100
77) Carbazole	17.674	167	2306238	34.795	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2938732	39.298	ng/ul	100
80) Fluoranthene	19.321	202	2818814	35.837	ng/ul	99
82) Pyrene	19.686	202	2874915	35.461	ng/ul	96
83) Butylbenzylphthalate	20.586	149	1243405	42.169	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	839833	38.314	ng/ul	98
85) Benzo(a)anthracene	21.427	228	2692604	36.014	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	1834477	43.057	ng/ul	99
87) Chrysene	21.480	228	2598010	35.614	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3032789	37.337	ng/ul	100
90) Benzo(b)fluoranthene	23.097	252	2826028	33.665	ng/ul#	97
91) Benzo(k)fluoranthene	23.150	252	2709927m	34.019	ng/ul	
93) Benzo(a)pyrene	23.721	252	2760425	34.524	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.309	276	3312967	38.872	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.326	278	2861686	39.138	ng/ul#	95
96) Benzo(g,h,i)perylene	27.068	276	2218807	31.416	ng/ul	95

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

