

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
 Data File : BM035498.D
 Acq On : 17 Jun 2022 17:03
 Operator : CG/JU
 Sample : N3226-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

Quant Time: Jun 17 23:02:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:58:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
 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	188730	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	819397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	488055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	948614	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	980341	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1017893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	9978	2.110	ng/uL	0.00
4) Pyridine-d5	3.705	84	39156m	3.363	ng/u1	0.02
7) Phenol-d5	7.005	99	167496	11.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	110863	12.325	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	156324	12.478	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	143056	11.815	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	73824	12.103	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	78377	11.917	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	129391	11.587	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	200273	11.398	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	508687	15.323	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	565386	13.743	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	44994	8.823	ng/u1	0.01
60) Fluorene-d10	15.451	176	427665	14.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	77330	13.674	ng/u1	0.00
73) Anthracene-d10	17.298	188	713872	16.742	ng/u1	0.00
81) Pyrene-d10	19.598	212	846018	17.553	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	879197	17.908	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	20420	4.260	ng/uL	95
5) Pyridine	3.722	79	52219m	4.252	ng/u1	
6) Benzaldehyde	6.963	77	90967	14.683	ng/u1	98
8) Phenol	7.034	94	175607	11.378	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	140266	11.636	ng/u1	100
12) 2-Chlorophenol	7.387	128	153647	11.842	ng/u1	99
13) 2-Methylphenol	8.275	108	129322	11.312	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	215372	11.986	ng/u1	98
16) Acetophenone	8.646	105	249734	13.603	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	106054	12.244	ng/u1	100
18) 4-Methylphenol	8.610	108	140509	11.420	ng/u1	96
19) Hexachloroethane	8.887	117	60520	11.664	ng/u1	95
22) Nitrobenzene	9.022	77	152801	11.802	ng/u1	99
23) Isophorone	9.546	82	287549	11.742	ng/u1	99
25) 2-Nitrophenol	9.734	139	82979	11.591	ng/u1	98
26) 2,4-Dimethylphenol	9.804	107	156143	11.510	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	188733	11.885	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	130610	11.527	ng/u1	98
30) Naphthalene	10.657	128	511228	12.212	ng/u1	99
32) 4-Chloroaniline	10.793	127	185875	10.626	ng/u1	99
33) Hexachlorobutadiene	10.945	225	85585	12.005	ng/u1	97
34) Caprolactam	11.581	113	45590m	11.950	ng/u1	
35) 4-Chloro-3-methylphenol	11.934	107	147651	12.431	ng/u1	99
36) 2-Methylnaphthalene	12.281	142	336193	12.351	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	345190	12.554	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	164834	12.061	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	28390	5.649	ng/ul	95
41) 2,4,6-Trichlorophenol	12.910	196	102029	11.969	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	103220	11.671	ng/ul	100
43) 1,1'-Biphenyl	13.292	154	450559	12.345	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	342138	12.266	ng/ul	98
45) 2-Nitroaniline	13.557	65	87803	12.210	ng/ul	98
47) Dimethylphthalate	13.922	163	464786	13.882	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	87446	13.211	ng/ul	98
50) Acenaphthylene	14.175	152	570571	12.571	ng/ul	99
51) 3-Nitroaniline	14.386	138	84986	12.531	ng/ul	99
52) Acenaphthene	14.522	153	382935	12.719	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	32844	9.004	ng/ul	92
55) 4-Nitrophenol	14.733	109	30469	9.193	ng/ul	97
56) Dibenzofuran	14.857	168	538034	13.057	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	140873	14.657	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	98189	13.442	ng/ul	98
59) Diethylphthalate	15.281	149	494734	14.583	ng/ul	99
61) Fluorene	15.504	166	456816	13.651	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	215807	13.740	ng/ul	99
63) 4-Nitroaniline	15.545	138	93540m	15.440	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	77157	13.710	ng/ul	98
67) N-Nitrosodiphenylamine	15.716	169	409709	14.756	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	129423	14.227	ng/ul	96
69) Hexachlorobenzene	16.516	284	157457	14.961	ng/ul	99
70) Atrazine	16.675	200	147891	15.085	ng/ul	97
71) Pentachlorophenol	16.875	266	55519	10.006	ng/ul	98
72) Phenanthrene	17.245	178	768484	15.046	ng/ul	100
74) Anthracene	17.333	178	785757	15.035	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	173470	11.980	ng/uL	98
76) Pentachlorobenzene	14.781	250	174316	13.540	ng/uL	99
77) Carbazole	17.616	167	731222	15.503	ng/ul	100
78) Di-n-butylphthalate	18.174	149	903628	13.829	ng/ul	100
80) Fluoranthene	19.263	202	928810	15.842	ng/ul	97
82) Pyrene	19.627	202	981239	15.990	ng/ul	99
83) Butylbenzylphthalate	20.527	149	400768	15.191	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.315	252	245159	13.711	ng/ul	99
85) Benzo(a)anthracene	21.374	228	952524	16.092	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	621458	15.874	ng/ul	100
87) Chrysene	21.427	228	946992	16.049	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	1063265	15.916	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	997093	16.492	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	964229	16.581	ng/ul	99
93) Benzo(a)pyrene	23.627	252	985814	16.264	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.156	276	1130774	15.935	ng/ul	99
95) Dibenzo(a,h)anthracene	26.162	278	978212	16.111	ng/ul	99
96) Benzo(g,h,i)perylene	26.897	276	844673	13.889	ng/ul	98

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

