

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016085.D
 Acq On : 08 Jul 2023 10:44
 Operator : MA/JU
 Sample : 03332-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBTX2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 09 02:13:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	169014	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	743247	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.669	164	465135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.434	188	1064735	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.527	240	1064225	20.000	ng/u1	#-0.01
88) Perylene-d12	24.074	264	1194616	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	33199	7.067	ng/uL	0.00
4) Pyridine-d5	3.793	84	438102	36.996	ng/u1	-0.01
7) Phenol-d5	7.199	99	643745	44.516	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.346	67	427805	47.817	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.546	132	500236	45.825	ng/u1	-0.02
15) 4-Methylphenol-d8	8.758	113	500937	43.849	ng/u1	-0.01
21) Nitrobenzene-d5	9.205	128	257916	45.407	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.934	143	289438	43.659	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	514035	43.512	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	688505	45.369	ng/u1	-0.02
46) Dimethylphthalate-d6	14.081	166	1616401	44.961	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1849661	45.768	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.945	143	169872	35.806	ng/u1	-0.02
60) Fluorene-d10	15.663	176	1372157	46.353	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	248438	37.941	ng/u1	-0.01
73) Anthracene-d10	17.534	188	2215241	45.548	ng/u1	-0.01
81) Pyrene-d10	19.769	212	2744977	39.501	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	2787772	46.261	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	83933	16.603	ng/uL	98
5) Pyridine	3.811	79	548832	44.303	ng/u1	98
6) Benzaldehyde	7.169	77	413046	70.647	ng/u1	96
8) Phenol	7.228	94	805533	53.678	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.440	93	627701	52.572	ng/u1	99
12) 2-Chlorophenol	7.581	128	577611	49.805	ng/u1	97
13) 2-Methylphenol	8.481	108	601701	53.106	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	947916	58.127	ng/u1	99
16) Acetophenone	8.863	105	982743	52.331	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.834	70	535788	51.369	ng/u1	98
18) 4-Methylphenol	8.822	108	652754	53.620	ng/u1	100
19) Hexachloroethane	9.087	117	250268	46.723	ng/u1	92
22) Nitrobenzene	9.246	77	789663	49.505	ng/u1	98
23) Isophorone	9.769	82	1529136	50.095	ng/u1	97
25) 2-Nitrophenol	9.963	139	348089	49.474	ng/u1	95
26) 2,4-Dimethylphenol	10.022	107	730703	47.244	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.246	93	889853	51.640	ng/u1	97
29) 2,4-Dichlorophenol	10.516	162	575909	49.034	ng/u1	99
30) Naphthalene	10.887	128	1953999	48.361	ng/u1	99
32) 4-Chloroaniline	11.034	127	694168	44.027	ng/u1	98
33) Hexachlorobutadiene	11.146	225	358974	40.472	ng/u1	100
34) Caprolactam	11.851	113	213152m	59.331	ng/u1	
35) 4-Chloro-3-methylphenol	12.169	107	692204	50.350	ng/u1	98
36) 2-Methylnaphthalene	12.499	142	1309434	49.230	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	1321319	48.697	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	691847	45.137	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	181045	39.482	ng/ul	98
41) 2,4,6-Trichlorophenol	13.128	196	464512	47.953	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	510112	49.647	ng/ul	98
43) 1,1'-Biphenyl	13.498	154	1787526	48.519	ng/ul	97
44) 2-Chloronaphthalene	13.551	162	1393053	47.998	ng/ul	99
45) 2-Nitroaniline	13.787	65	500186	54.772	ng/ul	97
47) Dimethylphthalate	14.128	163	1816613	48.825	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	386223	51.174	ng/ul	100
50) Acenaphthylene	14.393	152	2224579	49.956	ng/ul	99
51) 3-Nitroaniline	14.622	138	382346	64.603	ng/ul	91
52) Acenaphthene	14.734	153	1535081	49.712	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	188935	47.185	ng/ul	87
55) 4-Nitrophenol	14.987	109	297646m	60.541	ng/ul	
56) Dibenzofuran	15.075	168	2123034	49.527	ng/ul	96
57) 2,4-Dinitrotoluene	15.087	165	550083	53.485	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.316	232	438723	49.712	ng/ul	99
59) Diethylphthalate	15.481	149	1900927	50.488	ng/ul	99
61) Fluorene	15.722	166	1758973	50.589	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	842853	47.375	ng/ul	97
63) 4-Nitroaniline	15.798	138	362914m	89.594	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.851	198	315229	47.581	ng/ul	97
67) N-Nitrosodiphenylamine	15.928	169	1497041	46.967	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	536487	44.124	ng/ul	92
69) Hexachlorobenzene	16.734	284	627731	43.755	ng/ul	96
70) Atrazine	16.892	200	459329	37.646	ng/ul	97
71) Pentachlorophenol	17.104	266	317197	46.067	ng/ul	96
72) Phenanthrene	17.475	178	2887742	49.924	ng/ul	99
74) Anthracene	17.575	178	2930866	50.426	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	716396	41.349	ng/uL	100
76) Pentachlorobenzene	14.992	250	1623046	92.821	ng/uL	99
77) Carbazole	17.857	167	2689441	54.900	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3556912	54.768	ng/ul	99
80) Fluoranthene	19.439	202	3589354	41.561	ng/ul#	92
82) Pyrene	19.798	202	3733748	42.382	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	1786226	49.698	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	1250899	51.996	ng/ul	99
85) Benzo(a)anthracene	21.510	228	3611216	48.238	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2640928	53.466	ng/ul	100
87) Chrysene	21.569	228	3638379	51.225	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	4534234	51.936	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	3740259	48.727	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	3785437	48.810	ng/ul#	97
93) Benzo(a)pyrene	23.957	252	3339490	49.790	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.751	276	4017383	44.122	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.751	278	3317630	44.361	ng/ul#	95
96) Benzo(g,h,i)perylene	27.592	276	3201465	42.740	ng/ul#	95

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

