

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015241.D
 Acq On : 23 May 2023 15:25
 Operator : CG/JU
 Sample : 02861-08MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FL1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : mohammad ahmed 05/24/2023

Quant Time: May 23 23:07:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	199779	20.000	ng/u1	0.00
20) Naphthalene-d8	10.952	136	860108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	530467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1154565	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	782779	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	826790	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	23899	4.648	ng/uL	0.00
4) Pyridine-d5	3.870	84	97845	6.713	ng/u1	0.00
7) Phenol-d5	7.269	99	106164	5.723	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	372937	34.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	338680	24.833	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	230985	15.628	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	252986	37.431	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	256587	34.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	448637	33.060	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	277425	13.817	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1759980	43.906	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1853953	40.439	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	42241	5.427	ng/u1	0.00
60) Fluorene-d10	15.751	176	1422545	42.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	214830	29.525	ng/u1	0.00
73) Anthracene-d10	17.610	188	2122456	40.146	ng/u1	0.00
81) Pyrene-d10	19.828	212	2273804	50.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1828165	44.543	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	24033	4.350	ng/uL#	87
5) Pyridine	3.893	79	164379	10.844	ng/u1	96
6) Benzaldehyde	7.252	77	342254m	67.130	ng/u1	
8) Phenol	7.299	94	120994	6.361	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.534	93	501899	32.981	ng/u1	98
12) 2-Chlorophenol	7.675	128	346285	24.005	ng/u1	97
13) 2-Methylphenol	8.563	108	272837	18.560	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	642944	33.722	ng/u1	99
16) Acetophenone	8.952	105	783565	33.967	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.934	70	412756	34.117	ng/u1	95
18) 4-Methylphenol	8.899	108	257178	15.895	ng/u1	99
19) Hexachloroethane	9.211	117	177320	30.104	ng/u1	93
22) Nitrobenzene	9.340	77	620384	37.165	ng/u1	99
23) Isophorone	9.869	82	1203324	35.071	ng/u1	99
25) 2-Nitrophenol	10.058	139	269390	32.667	ng/u1	95
26) 2,4-Dimethylphenol	10.110	107	462215	28.087	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.352	93	734717	35.194	ng/u1	98
29) 2,4-Dichlorophenol	10.593	162	438586	31.997	ng/u1	98
30) Naphthalene	10.999	128	1587671	33.953	ng/u1	100
32) 4-Chloroaniline	11.110	127	430844	20.878	ng/u1	100
33) Hexachlorobutadiene	11.281	225	295912	35.819	ng/u1	98
34) Caprolactam	11.893	113	20070	3.884	ng/u1	87
35) 4-Chloro-3-methylphenol	12.216	107	478826	30.937	ng/u1	98
36) 2-Methylnaphthalene	12.599	142	1133283	35.969	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1160341	36.673	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.957	216	621321	39.163	ng/ul	97
40) Hexachlorocyclopentadiene	12.934	237	189280	18.414	ng/ul	98
41) 2,4,6-Trichlorophenol	13.199	196	393049	35.085	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	441249	36.327	ng/ul	98
43) 1,1'-Biphenyl	13.599	154	1582025	38.438	ng/ul	99
44) 2-Chloronaphthalene	13.640	162	1233159	38.366	ng/ul	99
45) 2-Nitroaniline	13.846	65	404313	43.963	ng/ul	94
47) Dimethylphthalate	14.210	163	1707334	40.898	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	375165	45.361	ng/ul	97
50) Acenaphthylene	14.487	152	1934081	37.809	ng/ul	100
51) 3-Nitroaniline	14.663	138	312182	41.919	ng/ul	97
52) Acenaphthene	14.822	153	1358441	38.882	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	81693	14.877	ng/ul	96
55) 4-Nitrophenol	14.969	109	35798	6.253	ng/ul#	86
56) Dibenzofuran	15.157	168	1933484	39.788	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	526401	43.985	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	367085	35.808	ng/ul	98
59) Diethylphthalate	15.569	149	1762146	42.322	ng/ul	100
61) Fluorene	15.810	166	1545631	39.579	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.793	204	775984	40.668	ng/ul	95
63) 4-Nitroaniline	15.828	138	318725	49.560	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.887	198	213125	28.381	ng/ul#	97
67) N-Nitrosodiphenylamine	16.010	169	1168280	34.413	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	513765	43.202	ng/ul	98
69) Hexachlorobenzene	16.810	284	594708	42.317	ng/ul	98
70) Atrazine	16.957	200	285506	22.753	ng/ul	99
71) Pentachlorophenol	17.157	266	261181	29.711	ng/ul	98
72) Phenanthrene	17.557	178	2534994	40.321	ng/ul	100
74) Anthracene	17.645	178	2460087	38.696	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	652436	39.856	ng/ul	100
76) Pentachlorobenzene	15.075	250	667437	40.606	ng/ul	98
77) Carbazole	17.910	167	2183489	39.167	ng/ul	100
78) Di-n-butylphthalate	18.445	149	3017098	42.026	ng/ul	100
80) Fluoranthene	19.504	202	2755539	49.797	ng/ul	99
82) Pyrene	19.857	202	2709630	47.419	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1235114	48.756	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	550946	32.047	ng/ul	97
85) Benzo(a)anthracene	21.569	228	2329058	43.031	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	1815593	49.782	ng/ul	100
87) Chrysene	21.628	228	2168108	41.904	ng/ul	98
89) Di-n-octyl phthalate	22.439	149	2790842	49.287	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2260842	43.134	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2161861	42.954	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1924890	41.549	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.851	276	2566454	42.784	ng/ul	98
95) Dibenzo(a,h)anthracene	26.868	278	2127183	43.198	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	2134391	43.634	ng/ul	98

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

