

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071122\
 Data File : BP010949.D
 Acq On : 11 Jul 2022 13:43
 Operator : CG/JU
 Sample : PB146140BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS140

Quant Time: Jul 11 14:19:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	426845	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	1660825	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	794828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	1403340	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.233	240	1421992	20.000	ng/u1	# 0.00
88) Perylene-d12	23.592	264	1639765	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	79326	7.030	ng/uL	0.00
4) Pyridine-d5	3.605	84	907990	30.230	ng/u1	0.00
7) Phenol-d5	6.881	99	1154082	34.155	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	746491	33.781	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	969427	34.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	874791	32.750	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	428658	40.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	396713	45.354	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	729565	33.756	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	1250110	35.434	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1757237	32.275	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	2347567	33.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	327988	38.568	ng/u1	0.00
60) Fluorene-d10	15.357	176	1541496	32.992	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	205995	44.306	ng/u1	0.00
73) Anthracene-d10	17.222	188	2182279	34.952	ng/u1	0.00
81) Pyrene-d10	19.469	212	2409110	31.097	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.445	264	2908590	35.895	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	155497	12.922	ng/uL#	86
5) Pyridine	3.628	79	870553	28.612	ng/u1#	73
6) Benzaldehyde	6.852	77	687783	38.578	ng/u1	95
8) Phenol	6.905	94	1129151	31.245	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.134	93	917227	31.601	ng/u1	91
12) 2-Chlorophenol	7.269	128	923884	31.927	ng/u1	92
13) 2-Methylphenol	8.152	108	802801	29.839	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.234	45	1237796	31.785	ng/u1#	98
16) Acetophenone	8.528	105	1254328	30.578	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.522	70	585119	28.209	ng/u1	90
18) 4-Methylphenol	8.481	108	854031	30.481	ng/u1	98
19) Hexachloroethane	8.775	117	366536	31.277	ng/u1#	83
22) Nitrobenzene	8.904	77	947543	35.913	ng/u1	93
23) Isophorone	9.434	82	1542401	27.876	ng/u1	98
25) 2-Nitrophenol	9.610	139	416146	39.286	ng/u1#	82
26) 2,4-Dimethylphenol	9.681	107	863608	29.841	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.922	93	1060947	30.396	ng/u1	97
29) 2,4-Dichlorophenol	10.146	162	693959	30.900	ng/u1	99
30) Naphthalene	10.546	128	2692823	31.109	ng/u1	100
32) 4-Chloroaniline	10.663	127	993333	28.418	ng/u1	100
33) Hexachlorobutadiene	10.828	225	414395	28.882	ng/u1	96
34) Caprolactam	11.451	113	180783	25.624	ng/u1	91
35) 4-Chloro-3-methylphenol	11.798	107	706892	29.042	ng/u1	94
36) 2-Methylnaphthalene	12.163	142	1619189	28.887	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1604818	28.819	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.534	216	726743	31.818	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	429172	29.653	ng/ul	95
41) 2,4,6-Trichlorophenol	12.781	196	431220	32.747	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	473460	33.505	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	1992600	31.845	ng/ul#	98
44) 2-Chloronaphthalene	13.222	162	1541894	32.712	ng/ul	98
45) 2-Nitroaniline	13.439	65	400785	40.076	ng/ul#	83
47) Dimethylphthalate	13.822	163	1654399	30.342	ng/ul	98
48) 2,6-Dinitrotoluene	13.939	165	305441	37.387	ng/ul	97
50) Acenaphthylene	14.075	152	2312885	30.391	ng/ul	98
51) 3-Nitroaniline	14.269	138	363382	37.101	ng/ul	90
52) Acenaphthene	14.422	153	1583383	32.245	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	119970	38.251	ng/ul	87
55) 4-Nitrophenol	14.586	109	240018	35.495	ng/ul#	79
56) Dibenzofuran	14.757	168	2103553	31.274	ng/ul	96
57) 2,4-Dinitrotoluene	14.728	165	433391	39.701	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.986	232	327700	32.383	ng/ul	89
59) Diethylphthalate	15.198	149	1565329	28.876	ng/ul	98
61) Fluorene	15.410	166	1645318	30.677	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	755117	30.076	ng/ul	95
63) 4-Nitroaniline	15.439	138	384804	42.493	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.492	198	199243	39.657	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	1356346	31.911	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	429845	30.563	ng/ul	95
69) Hexachlorobenzene	16.416	284	486788	29.883	ng/ul	95
70) Atrazine	16.592	200	212678	15.092	ng/ul	98
71) Pentachlorophenol	16.769	266	234297	27.933	ng/ul	95
72) Phenanthrene	17.163	178	2443148	32.692	ng/ul	99
74) Anthracene	17.257	178	2466371	32.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	741935	32.039	ng/uL	97
76) Pentachlorobenzene	14.675	250	637481	32.097	ng/uL	100
77) Carbazole	17.533	167	2279522	33.692	ng/ul	99
78) Di-n-butylphthalate	18.104	149	2255961	27.982	ng/ul	99
80) Fluoranthene	19.145	202	2669586	28.019	ng/ul#	88
82) Pyrene	19.498	202	2819153	29.298	ng/ul#	83
83) Butylbenzylphthalate	20.392	149	1024322	30.244	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.163	252	932342	31.752	ng/ul#	98
85) Benzo(a)anthracene	21.221	228	2894929	32.552	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.163	149	1548162	28.866	ng/ul#	97
87) Chrysene	21.268	228	2794899	32.796	ng/ul	100
89) Di-n-octyl phthalate	22.074	149	2780914	28.572	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	3301465	32.376	ng/ul#	95
91) Benzo(k)fluoranthene	22.921	252	3250736	33.538	ng/ul#	95
93) Benzo(a)pyrene	23.492	252	3017227	30.417	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.039	276	4150535	34.675	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.062	278	3473436	33.830	ng/ul#	92
96) Benzo(g,h,i)perylene	26.792	276	3419677	33.586	ng/ul#	88

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

