

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019016.D
 Acq On : 22 Dec 2023 00:43
 Operator : MA/JU
 Sample : PB157918BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS918

Quant Time: Dec 22 08:50:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	125684	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	483495	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	328899	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	787135	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	844670	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	991610	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	20611	5.588	ng/uL	0.00
4) Pyridine-d5	3.670	84	278426	28.183	ng/u1	0.00
7) Phenol-d5	6.999	99	352254	27.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	196872	26.336	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	280919	28.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	279022	27.335	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	135220	31.423	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	155459	34.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	305434	33.480	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	367167	30.796	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	914033	31.138	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1009250	31.224	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	177374	36.811	ng/u1	0.00
60) Fluorene-d10	15.451	176	795020	32.265	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	185450	39.293	ng/u1	0.00
73) Anthracene-d10	17.304	188	1320950	31.922	ng/u1	0.00
81) Pyrene-d10	19.545	212	1682858	25.595	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1879052	32.499	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	45483	11.246	ng/uL	99
5) Pyridine	3.687	79	288844	28.953	ng/u1	98
6) Benzaldehyde	6.963	77	184192	28.285	ng/u1	95
8) Phenol	7.022	94	395288	31.958	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.252	93	307172	30.239	ng/u1	99
12) 2-Chlorophenol	7.381	128	320465	32.173	ng/u1	99
13) 2-Methylphenol	8.269	108	296136	31.273	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	353642	27.437	ng/u1	98
16) Acetophenone	8.646	105	466907	30.693	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.634	70	223727	26.734	ng/u1	98
18) 4-Methylphenol	8.605	108	317781	30.733	ng/u1	98
19) Hexachloroethane	8.893	117	134565	32.954	ng/u1	83
22) Nitrobenzene	9.028	77	353818	33.817	ng/u1	97
23) Isophorone	9.552	82	664709	31.160	ng/u1	98
25) 2-Nitrophenol	9.734	139	184819	38.690	ng/u1	96
26) 2,4-Dimethylphenol	9.799	107	308141	32.982	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.040	93	409090	30.376	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	324488	36.927	ng/u1	96
30) Naphthalene	10.663	128	988845	33.714	ng/u1	99
32) 4-Chloroaniline	10.787	127	309090	27.201	ng/u1	99
33) Hexachlorobutadiene	10.946	225	244546	41.554	ng/u1	100
34) Caprolactam	11.569	113	106118	39.384	ng/u1	90
35) 4-Chloro-3-methylphenol	11.916	107	340522	34.592	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	688044	33.112	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	683258	32.560	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.646	216	454905	38.122	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	261085	36.913	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	283403	36.919	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	316913	38.081	ng/ul	99
43) 1,1'-Biphenyl	13.293	154	954940	33.571	ng/ul	97
44) 2-Chloronaphthalene	13.334	162	776487	34.562	ng/ul	98
45) 2-Nitroaniline	13.546	65	211866	34.787	ng/ul	96
47) Dimethylphthalate	13.922	163	1022850	35.398	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	213706	39.146	ng/ul	92
50) Acenaphthylene	14.175	152	1247512	34.327	ng/ul	100
51) 3-Nitroaniline	14.369	138	207606	38.096	ng/ul	96
52) Acenaphthene	14.516	153	823278	34.262	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	137192	47.417	ng/ul	94
55) 4-Nitrophenol	14.687	109	160422	44.068	ng/ul	87
56) Dibenzofuran	14.857	168	1184100	35.456	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	320719	41.765	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	278171	39.848	ng/ul	93
59) Diethylphthalate	15.287	149	1021120	36.113	ng/ul	99
61) Fluorene	15.504	166	971022	36.746	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	531988	38.385	ng/ul	95
63) 4-Nitroaniline	15.534	138	226227	43.575	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.592	198	214832	42.575	ng/ul	91
67) N-Nitrosodiphenylamine	15.722	169	845144	32.402	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	361760	36.404	ng/ul	93
69) Hexachlorobenzene	16.510	284	441592	39.801	ng/ul	94
70) Atrazine	16.675	200	200521	25.858	ng/ul	99
71) Pentachlorophenol	16.857	266	262444	39.773	ng/ul	99
72) Phenanthrene	17.251	178	1663216	34.986	ng/ul	100
74) Anthracene	17.339	178	1698205	35.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	457726	33.631	ng/ul	98
76) Pentachlorobenzene	14.775	250	480953	35.974	ng/ul	100
77) Carbazole	17.616	167	1543277	40.636	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1859324	36.767	ng/ul	100
80) Fluoranthene	19.222	202	2179413	28.042	ng/ul#	94
82) Pyrene	19.575	202	2265344	28.893	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	889450	30.987	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	855003	41.654	ng/ul	97
85) Benzo(a)anthracene	21.286	228	2435624	35.525	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1325950	33.609	ng/ul	99
87) Chrysene	21.339	228	2250609	35.647	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	2324350	32.104	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2504068	34.250	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	2509682	35.477	ng/ul#	98
93) Benzo(a)pyrene	23.557	252	2390724	35.787	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.115	276	3020086	37.837	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.133	278	2512305	37.837	ng/ul#	95
96) Benzo(g,h,i)perylene	26.868	276	2428089	37.800	ng/ul#	94

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

