

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019102.D
 Acq On : 27 Dec 2023 02:16
 Operator : MA/JU
 Sample : PB158030BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS030

Quant Time: Dec 27 02:50:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 26 22:20:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	171357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	643221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	374545	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	826665	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	887467	20.000	ng/u1	# 0.00
88) Perylene-d12	23.645	264	1070962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	30374	6.040	ng/uL	0.00
4) Pyridine-d5	3.663	84	387078	28.738	ng/u1	0.00
7) Phenol-d5	6.987	99	457743	26.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	271263	26.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	364628	27.174	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	348824	25.065	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	168203	29.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	187275	31.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	365354	30.104	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	421492	26.574	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	946444	28.313	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1106796	30.068	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	168721	30.748	ng/u1	0.00
60) Fluorene-d10	15.439	176	828516	29.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	164189	33.125	ng/u1	0.00
73) Anthracene-d10	17.298	188	1289230	29.665	ng/u1	0.00
81) Pyrene-d10	19.533	212	1619538	23.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1893297	30.320	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	60800	11.026	ng/uL	95
5) Pyridine	3.681	79	397320	29.211	ng/u1	97
6) Benzaldehyde	6.957	77	245948	27.702	ng/u1	95
8) Phenol	7.016	94	466935	27.688	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	376236	27.166	ng/u1	98
12) 2-Chlorophenol	7.375	128	374982	27.612	ng/u1	98
13) 2-Methylphenol	8.263	108	341288	26.435	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	433307	24.657	ng/u1	97
16) Acetophenone	8.639	105	541035	26.086	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	250392	21.945	ng/u1	99
18) 4-Methylphenol	8.592	108	365004	25.891	ng/u1	98
19) Hexachloroethane	8.881	117	157179	28.232	ng/u1	87
22) Nitrobenzene	9.016	77	408706	29.363	ng/u1	98
23) Isophorone	9.545	82	714502	25.177	ng/u1	98
25) 2-Nitrophenol	9.722	139	199331	31.366	ng/u1	99
26) 2,4-Dimethylphenol	9.792	107	348545	28.043	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	467593	26.098	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	352763	30.176	ng/u1	98
30) Naphthalene	10.657	128	1134417	29.073	ng/u1	99
32) 4-Chloroaniline	10.775	127	380846	25.193	ng/u1	100
33) Hexachlorobutadiene	10.933	225	269921	34.476	ng/u1	100
34) Caprolactam	11.557	113	95038	26.513	ng/u1	93
35) 4-Chloro-3-methylphenol	11.904	107	338520	25.849	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	738512	26.716	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	721802	25.856	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.633	216	463784	34.129	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	249532	30.980	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	279760	32.003	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	303120	31.984	ng/ul	98
43) 1,1'-Biphenyl	13.280	154	968315	29.893	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	784380	30.659	ng/ul	98
45) 2-Nitroaniline	13.533	65	198352	28.599	ng/ul	99
47) Dimethylphthalate	13.910	163	946026	28.750	ng/ul	100
48) 2,6-Dinitrotoluene	14.033	165	186505	30.000	ng/ul	94
50) Acenaphthylene	14.169	152	1234645	29.833	ng/ul	99
51) 3-Nitroaniline	14.363	138	174570	28.130	ng/ul	99
52) Acenaphthene	14.510	153	811891	29.671	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	105186	31.924	ng/ul	97
55) 4-Nitrophenol	14.674	109	134117	32.352	ng/ul	95
56) Dibenzofuran	14.845	168	1145271	30.114	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	276339	31.600	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	260471	32.765	ng/ul	93
59) Diethylphthalate	15.274	149	894386	27.776	ng/ul	99
61) Fluorene	15.492	166	911567	30.292	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	489850	31.037	ng/ul	95
63) 4-Nitroaniline	15.527	138	191025	32.311	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.580	198	178797	33.739	ng/ul	93
67) N-Nitrosodiphenylamine	15.710	169	766338	27.976	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	313029	29.994	ng/ul	95
69) Hexachlorobenzene	16.498	284	380362	32.643	ng/ul	95
70) Atrazine	16.668	200	279477	34.317	ng/ul	98
71) Pentachlorophenol	16.845	266	226553	32.692	ng/ul	99
72) Phenanthrene	17.239	178	1498450	30.013	ng/ul	100
74) Anthracene	17.333	178	1521039	30.393	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	453511	31.728	ng/ul	99
76) Pentachlorobenzene	14.763	250	435013	30.982	ng/ul	99
77) Carbazole	17.610	167	1370395	34.358	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1474478	27.763	ng/ul	99
80) Fluoranthene	19.209	202	1882994	23.059	ng/ul	96
82) Pyrene	19.562	202	1973346	23.955	ng/ul	95
83) Butylbenzylphthalate	20.445	149	686215	22.754	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.215	252	682010	31.624	ng/ul	100
85) Benzo(a)anthracene	21.274	228	2139779	29.705	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	972064	23.451	ng/ul	99
87) Chrysene	21.327	228	2005616	30.234	ng/ul	100
89) Di-n-octyl phthalate	22.109	149	1725009	22.061	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2302417	29.158	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	2237944	29.292	ng/ul	98
93) Benzo(a)pyrene	23.545	252	2196044	30.437	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.091	276	2852793	33.093	ng/ul	95
95) Dibenzo(a,h)anthracene	26.109	278	2365861	32.991	ng/ul	97
96) Benzo(g,h,i)perylene	26.839	276	2319537	33.434	ng/ul#	95

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

