

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019101.D
 Acq On : 27 Dec 2023 01:42
 Operator : MA/JU
 Sample : PB158031BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS031

Quant Time: Dec 27 02:30:38 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	184641	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	679526	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	395095	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	875717	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	955426	20.000	ng/u1	# 0.00
88) Perylene-d12	23.645	264	1136001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	32202	5.943	ng/uL	0.00
4) Pyridine-d5	3.664	84	422175	29.089	ng/u1	0.00
7) Phenol-d5	6.987	99	490568	26.475	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	294177	26.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	395834	27.377	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	376220	25.089	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	182203	30.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	198714	31.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	395516	30.848	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	448792	26.783	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1010799	28.665	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1190421	30.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	176069	30.418	ng/u1	0.00
60) Fluorene-d10	15.439	176	888858	30.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	175685	33.459	ng/u1	0.00
73) Anthracene-d10	17.292	188	1382880	30.038	ng/u1	0.00
81) Pyrene-d10	19.533	212	1747090	23.491	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	2027050	30.603	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	65163	10.967	ng/uL	95
5) Pyridine	3.681	79	423538	28.898	ng/u1	97
6) Benzaldehyde	6.958	77	263239	27.516	ng/u1	96
8) Phenol	7.016	94	505052	27.794	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	411709	27.588	ng/u1	97
12) 2-Chlorophenol	7.375	128	404516	27.644	ng/u1	98
13) 2-Methylphenol	8.263	108	366394	26.338	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	478588	25.275	ng/u1	98
16) Acetophenone	8.640	105	583319	26.101	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	273297	22.230	ng/u1	98
18) 4-Methylphenol	8.593	108	389511	25.641	ng/u1	99
19) Hexachloroethane	8.881	117	173467	28.916	ng/u1	88
22) Nitrobenzene	9.016	77	439226	29.870	ng/u1	99
23) Isophorone	9.546	82	766210	25.556	ng/u1	97
25) 2-Nitrophenol	9.728	139	213863	31.855	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	374903	28.552	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	508455	26.862	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	378694	30.664	ng/u1	98
30) Naphthalene	10.651	128	1213955	29.449	ng/u1	100
32) 4-Chloroaniline	10.775	127	405710	25.404	ng/u1	100
33) Hexachlorobutadiene	10.934	225	292903	35.413	ng/u1	98
34) Caprolactam	11.563	113	101377	26.771	ng/u1	92
35) 4-Chloro-3-methylphenol	11.904	107	359657	25.996	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	794614	27.209	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	780534	26.466	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.634	216	498435	34.771	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	272310	32.050	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	298147	32.332	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	317853	31.794	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	1039114	30.410	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	843125	31.241	ng/ul	98
45) 2-Nitroaniline	13.534	65	211870	28.959	ng/ul	99
47) Dimethylphthalate	13.910	163	1013318	29.193	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	198320	30.241	ng/ul	93
50) Acenaphthylene	14.169	152	1320771	30.254	ng/ul	99
51) 3-Nitroaniline	14.363	138	185922	28.401	ng/ul	99
52) Acenaphthene	14.510	153	869744	30.132	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	112993	32.510	ng/ul	97
55) 4-Nitrophenol	14.675	109	141510	32.360	ng/ul	92
56) Dibenzofuran	14.845	168	1219077	30.388	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	298357	32.343	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.075	232	277054	33.039	ng/ul#	92
59) Diethylphthalate	15.275	149	977349	28.774	ng/ul	99
61) Fluorene	15.492	166	978402	30.822	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	525336	31.554	ng/ul	95
63) 4-Nitroaniline	15.528	138	205878	33.012	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.581	198	189729	33.797	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	830736	28.628	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	334539	30.260	ng/ul	94
69) Hexachlorobenzene	16.498	284	402423	32.602	ng/ul	95
70) Atrazine	16.669	200	301237	34.917	ng/ul	98
71) Pentachlorophenol	16.845	266	243688	33.195	ng/ul	99
72) Phenanthrene	17.239	178	1602455	30.298	ng/ul	99
74) Anthracene	17.333	178	1618683	30.533	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	488159	32.239	ng/ul	99
76) Pentachlorobenzene	14.763	250	466660	31.375	ng/ul	99
77) Carbazole	17.610	167	1460380	34.563	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1609557	28.609	ng/ul	99
80) Fluoranthene	19.210	202	2037708	23.179	ng/ul	96
82) Pyrene	19.563	202	2127803	23.992	ng/ul	94
83) Butylbenzylphthalate	20.445	149	761962	23.469	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.210	252	740232	31.882	ng/ul	100
85) Benzo(a)anthracene	21.274	228	2308846	29.772	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	1088842	24.400	ng/ul#	99
87) Chrysene	21.327	228	2184705	30.592	ng/ul	100
89) Di-n-octyl phthalate	22.110	149	1924960	23.208	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2538203	30.304	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	2383986	29.417	ng/ul	98
93) Benzo(a)pyrene	23.539	252	2358828	30.821	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.092	276	3049896	33.354	ng/ul	95
95) Dibenzo(a,h)anthracene	26.109	278	2524378	33.186	ng/ul	97
96) Benzo(g,h,i)perylene	26.845	276	2481076	33.715	ng/ul	96

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

