

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015784.D
 Acq On : 28 Jun 2023 17:48
 Operator : MA/JU
 Sample : PB153625BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS625

Quant Time: Jun 28 23:58:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	205205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	895336	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.704	164	555366	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.469	188	1174032	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	804621	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	810081	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	32921	5.772	ng/uL	0.00
4) Pyridine-d5	3.822	84	442161	30.754	ng/u1	0.00
7) Phenol-d5	7.228	99	625181	35.607	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	405945	37.371	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	490045	36.974	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	519468	37.452	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	249703	36.493	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	286534	35.879	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	504734	35.467	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	664982	36.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1546901	36.037	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1730858	35.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	229952	40.594	ng/u1	0.00
60) Fluorene-d10	15.704	176	1262206	35.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	252580	34.982	ng/u1	0.00
73) Anthracene-d10	17.569	188	1918082	35.767	ng/u1	0.00
81) Pyrene-d10	19.798	212	2045673	38.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1532971	37.514	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	69318	11.293	ng/uL	98
5) Pyridine	3.840	79	447846	29.775	ng/u1	99
6) Benzaldehyde	7.199	77	376691	53.066	ng/u1	96
8) Phenol	7.252	94	632101	34.693	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.475	93	510408	35.209	ng/u1	99
12) 2-Chlorophenol	7.616	128	469688	33.357	ng/u1	97
13) 2-Methylphenol	8.516	108	481998	35.038	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	728635	36.800	ng/u1	98
16) Acetophenone	8.899	105	771594	33.841	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.875	70	434276	34.294	ng/u1	99
18) 4-Methylphenol	8.851	108	522878	35.376	ng/u1	97
19) Hexachloroethane	9.140	117	210045	32.298	ng/u1	97
22) Nitrobenzene	9.281	77	636037	33.101	ng/u1	99
23) Isophorone	9.810	82	1225240	33.321	ng/u1	100
25) 2-Nitrophenol	9.998	139	292572	34.520	ng/u1	94
26) 2,4-Dimethylphenol	10.057	107	568323	30.503	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.287	93	720538	34.712	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	483753	34.191	ng/u1	98
30) Naphthalene	10.934	128	1577498	32.410	ng/u1	99
32) 4-Chloroaniline	11.063	127	592801	31.211	ng/u1	98
33) Hexachlorobutadiene	11.204	225	318915	29.848	ng/u1	98
34) Caprolactam	11.863	113	167987	38.816	ng/u1	92
35) 4-Chloro-3-methylphenol	12.187	107	569781	34.405	ng/u1	100
36) 2-Methylnaphthalene	12.540	142	1061172	33.119	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1074017	32.859	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	587548	32.104	ng/ul	99
40) Hexachlorocyclopentadiene	12.869	237	145721	26.616	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	378731	32.745	ng/ul	98
42) 2,4,5-Trichlorophenol	13.234	196	416540	33.954	ng/ul	98
43) 1,1'-Biphenyl	13.539	154	1439051	32.714	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1134459	32.738	ng/ul	99
45) 2-Nitroaniline	13.810	65	403707	37.025	ng/ul	96
47) Dimethylphthalate	14.163	163	1467476	33.033	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	319962	35.507	ng/ul	99
50) Acenaphthylene	14.434	152	1758777	33.079	ng/ul	99
51) 3-Nitroaniline	14.639	138	312381	44.206	ng/ul	95
52) Acenaphthene	14.769	153	1206835	32.733	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	151414	31.671	ng/ul	90
55) 4-Nitrophenol	14.957	109	187377	31.920	ng/ul	91
56) Dibenzofuran	15.110	168	1682831	32.879	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	442777	36.057	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	334638	31.757	ng/ul	98
59) Diethylphthalate	15.516	149	1535450	34.155	ng/ul	99
61) Fluorene	15.757	166	1375423	33.131	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	686135	32.300	ng/ul	97
63) 4-Nitroaniline	15.810	138	275613	56.987	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.869	198	239543	32.791	ng/ul	98
67) N-Nitrosodiphenylamine	15.963	169	1189985	33.858	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	437751	32.652	ng/ul	92
69) Hexachlorobenzene	16.769	284	512343	32.388	ng/ul	97
70) Atrazine	16.922	200	265178	19.710	ng/ul	97
71) Pentachlorophenol	17.128	266	234619	30.902	ng/ul	98
72) Phenanthrene	17.510	178	2149430	33.701	ng/ul	99
74) Anthracene	17.604	178	2153783	33.607	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	590010	30.884	ng/uL	99
76) Pentachlorobenzene	15.028	250	594188	30.818	ng/uL	98
77) Carbazole	17.880	167	1934587	35.815	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2696287	37.652	ng/ul	99
80) Fluoranthene	19.469	202	2387654	36.566	ng/ul	96
82) Pyrene	19.827	202	2351932	35.310	ng/ul	95
83) Butylbenzylphthalate	20.674	149	1139017	41.915	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	687919	37.821	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1964576	34.709	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	1656084	44.345	ng/ul	99
87) Chrysene	21.598	228	1853637	34.518	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2572558	43.454	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1851639	35.573	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	1722040	32.744	ng/ul	99
93) Benzo(a)pyrene	23.992	252	1570971	34.541	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.803	276	2068254	33.498	ng/ul	96
95) Dibenzo(a,h)anthracene	26.815	278	1699627	33.514	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	1707244	33.611	ng/ul	98

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

