

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018981.D
 Acq On : 21 Dec 2023 02:48
 Operator : MA/JU
 Sample : PB157888BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS888

Quant Time: Dec 21 03:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	113716	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.616	136	454906	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.457	164	312761	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.210	188	758983	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	808453	20.000	ng/u1	#-0.02
88) Perylene-d12	23.663	264	926646	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18111	5.427	ng/uL	0.00
4) Pyridine-d5	3.670	84	257415	28.799	ng/u1	-0.01
7) Phenol-d5	6.999	99	323556	28.353	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.164	67	180972	26.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	257979	28.971	ng/u1	-0.01
15) 4-Methylphenol-d8	8.540	113	260039	28.157	ng/u1	-0.02
21) Nitrobenzene-d5	8.987	128	126294	31.193	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.705	143	143915	34.284	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.246	165	287005	33.437	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.763	131	331282	29.533	ng/u1	-0.01
46) Dimethylphthalate-d6	13.875	166	882540	31.616	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	967400	31.473	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	153757	33.557	ng/u1	-0.01
60) Fluorene-d10	15.451	176	755093	32.226	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	167010	36.698	ng/u1	-0.01
73) Anthracene-d10	17.310	188	1223562	30.665	ng/u1	0.00
81) Pyrene-d10	19.545	212	1562454	24.828	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.510	264	1713683	31.717	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	39245	10.724	ng/uL	97
5) Pyridine	3.687	79	271083	30.032	ng/u1	99
6) Benzaldehyde	6.969	77	156036	26.483	ng/u1	95
8) Phenol	7.028	94	344562	30.789	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.252	93	266732	29.021	ng/u1	98
12) 2-Chlorophenol	7.387	128	276019	30.627	ng/u1	97
13) 2-Methylphenol	8.275	108	260925	30.454	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.352	45	312422	26.790	ng/u1	98
16) Acetophenone	8.652	105	421316	30.611	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.640	70	203290	26.848	ng/u1	98
18) 4-Methylphenol	8.605	108	280410	29.973	ng/u1	99
19) Hexachloroethane	8.893	117	114119	30.888	ng/u1	88
22) Nitrobenzene	9.028	77	311898	31.684	ng/u1	98
23) Isophorone	9.558	82	603998	30.093	ng/u1	97
25) 2-Nitrophenol	9.740	139	158648	35.299	ng/u1	95
26) 2,4-Dimethylphenol	9.805	107	266304	30.296	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.040	93	365154	28.817	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	291847	35.300	ng/u1	98
30) Naphthalene	10.669	128	876909	31.776	ng/u1	99
32) 4-Chloroaniline	10.787	127	275146	25.735	ng/u1	99
33) Hexachlorobutadiene	10.952	225	219774	39.692	ng/u1	98
34) Caprolactam	11.575	113	93458	36.866	ng/u1	91
35) 4-Chloro-3-methylphenol	11.916	107	300894	32.488	ng/u1	100
36) 2-Methylnaphthalene	12.281	142	620918	31.760	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.499	142	610083	30.900	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.652	216	408543	36.003	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	206028	30.632	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	248619	34.059	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	276291	34.912	ng/ul	98
43) 1,1'-Biphenyl	13.293	154	857924	31.717	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	698431	32.692	ng/ul	98
45) 2-Nitroaniline	13.546	65	189402	32.703	ng/ul	98
47) Dimethylphthalate	13.922	163	926247	33.709	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	190488	36.693	ng/ul	93
50) Acenaphthylene	14.181	152	1116480	32.307	ng/ul	99
51) 3-Nitroaniline	14.375	138	175579	33.881	ng/ul	97
52) Acenaphthene	14.522	153	742997	32.517	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	113677	41.317	ng/ul	94
55) 4-Nitrophenol	14.687	109	138571	40.029	ng/ul	82
56) Dibenzofuran	14.857	168	1070391	33.705	ng/ul	100
57) 2,4-Dinitrotoluene	14.834	165	278708	38.167	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	243141	36.627	ng/ul	92
59) Diethylphthalate	15.287	149	918605	34.164	ng/ul	99
61) Fluorene	15.510	166	874526	34.802	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	483670	36.699	ng/ul	97
63) 4-Nitroaniline	15.540	138	195400	39.580	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.593	198	186321	38.294	ng/ul	94
67) N-Nitrosodiphenylamine	15.722	169	758755	30.169	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	330497	34.492	ng/ul	95
69) Hexachlorobenzene	16.510	284	396645	37.076	ng/ul	95
70) Atrazine	16.681	200	163245	21.832	ng/ul	98
71) Pentachlorophenol	16.857	266	222997	35.049	ng/ul	99
72) Phenanthrene	17.251	178	1488320	32.468	ng/ul	100
74) Anthracene	17.345	178	1486053	32.342	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	414002	31.547	ng/ul	99
76) Pentachlorobenzene	14.775	250	438725	34.033	ng/ul	99
77) Carbazole	17.622	167	1337224	36.516	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1626001	33.346	ng/ul	100
80) Fluoranthene	19.222	202	1905376	25.614	ng/ul#	94
82) Pyrene	19.575	202	1968099	26.226	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	779939	28.389	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	705349	35.903	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2104287	32.067	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1153067	30.537	ng/ul	99
87) Chrysene	21.339	228	1962210	32.471	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	2035731	30.089	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2145763	31.406	ng/ul#	97
91) Benzo(k)fluoranthene	22.992	252	2189465	33.120	ng/ul#	97
93) Benzo(a)pyrene	23.557	252	2040204	32.681	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.121	276	2584734	34.653	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.133	278	2143823	34.551	ng/ul#	95
96) Benzo(g,h,i)perylene	26.874	276	2077128	34.603	ng/ul#	93

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

