

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019044.D
 Acq On : 22 Dec 2023 17:45
 Operator : MA/JU
 Sample : PB157893BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS893

Quant Time: Dec 22 21:46:47 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	7.816	152	142152	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	546265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	355057	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	835516	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	903444	20.000	ng/u1	0.00
88) Perylene-d12	23.656	264	1061353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	18936	4.539	ng/uL	0.00
4) Pyridine-d5	3.669	84	260050	23.274	ng/u1	0.00
7) Phenol-d5	6.993	99	316514	22.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	183575	21.712	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	251003	22.549	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	245242	21.243	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	118011	24.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	129176	25.627	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	266654	25.871	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	320203	23.771	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	766723	24.195	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	859430	24.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	146390	28.143	ng/u1	0.00
60) Fluorene-d10	15.445	176	677182	25.458	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	144019	28.748	ng/u1	0.00
73) Anthracene-d10	17.304	188	1105149	25.160	ng/u1	0.00
81) Pyrene-d10	19.545	212	1422989	20.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.503	264	1594297	25.762	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	43538	9.518	ng/uL	99
5) Pyridine	3.687	79	268854	23.827	ng/u1	99
6) Benzaldehyde	6.963	77	167842	22.788	ng/u1	95
8) Phenol	7.022	94	357024	25.520	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.251	93	282104	24.554	ng/u1	98
12) 2-Chlorophenol	7.381	128	285256	25.321	ng/u1	99
13) 2-Methylphenol	8.269	108	263230	24.578	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.345	45	329767	22.621	ng/u1	98
16) Acetophenone	8.645	105	415792	24.166	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	197233	20.838	ng/u1	98
18) 4-Methylphenol	8.598	108	281407	24.062	ng/u1	99
19) Hexachloroethane	8.893	117	121099	26.220	ng/u1	87
22) Nitrobenzene	9.022	77	313993	26.562	ng/u1	98
23) Isophorone	9.551	82	573283	23.786	ng/u1	98
25) 2-Nitrophenol	9.734	139	154452	28.618	ng/u1	97
26) 2,4-Dimethylphenol	9.798	107	273906	25.949	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.034	93	367228	24.134	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	284050	28.611	ng/u1	98
30) Naphthalene	10.663	128	879227	26.532	ng/u1	99
32) 4-Chloroaniline	10.781	127	275880	21.489	ng/u1	99
33) Hexachlorobutadiene	10.939	225	212034	31.890	ng/u1	99
34) Caprolactam	11.563	113	86715	28.485	ng/u1	95
35) 4-Chloro-3-methylphenol	11.910	107	292165	26.269	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	604194	25.736	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	595115	25.101	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	384590	29.855	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	207526	27.179	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	236375	28.524	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	264861	29.481	ng/ul	98
43) 1,1'-Biphenyl	13.286	154	812503	26.460	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	667804	27.535	ng/ul	98
45) 2-Nitroaniline	13.539	65	179035	27.230	ng/ul	99
47) Dimethylphthalate	13.916	163	860665	27.591	ng/ul	100
48) 2,6-Dinitrotoluene	14.039	165	176726	29.987	ng/ul	94
50) Acenaphthylene	14.175	152	1073267	27.357	ng/ul	100
51) 3-Nitroaniline	14.369	138	173448	29.483	ng/ul	99
52) Acenaphthene	14.516	153	711635	27.434	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	102548	32.832	ng/ul	95
55) 4-Nitrophenol	14.680	109	132023	33.595	ng/ul	91
56) Dibenzofuran	14.851	168	1017313	28.218	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	266721	32.174	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	227641	30.207	ng/ul	94
59) Diethylphthalate	15.280	149	861197	28.214	ng/ul	99
61) Fluorene	15.504	166	830654	29.118	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	448761	29.994	ng/ul	97
63) 4-Nitroaniline	15.533	138	192858	34.411	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.586	198	172134	32.138	ng/ul	94
67) N-Nitrosodiphenylamine	15.716	169	721420	26.057	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	300695	28.507	ng/ul	96
69) Hexachlorobenzene	16.504	284	361546	30.700	ng/ul	96
70) Atrazine	16.674	200	162016	19.683	ng/ul	96
71) Pentachlorophenol	16.857	266	206612	29.499	ng/ul	99
72) Phenanthrene	17.245	178	1430114	28.341	ng/ul	99
74) Anthracene	17.339	178	1447797	28.623	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	389744	26.978	ng/ul	100
76) Pentachlorobenzene	14.769	250	406616	28.653	ng/ul	99
77) Carbazole	17.616	167	1310891	32.518	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1552382	28.920	ng/ul	100
80) Fluoranthene	19.215	202	1846882	22.217	ng/ul	95
82) Pyrene	19.574	202	1912013	22.800	ng/ul#	93
83) Butylbenzylphthalate	20.451	149	738267	24.047	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	709379	32.311	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2085794	28.443	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.209	149	1086270	25.743	ng/ul	99
87) Chrysene	21.333	228	1946664	28.827	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1923222	24.818	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2182638	27.892	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	2116434	27.952	ng/ul	98
93) Benzo(a)pyrene	23.556	252	2034684	28.456	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.109	276	2580812	30.209	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.127	278	2141867	30.138	ng/ul#	97
96) Benzo(g,h,i)perylene	26.862	276	2082583	30.291	ng/ul	95

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

