

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122023\
 Data File : BP018999.D
 Acq On : 21 Dec 2023 13:31
 Operator : MA/JU
 Sample : PB157897BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS897

Quant Time: Dec 22 01:05:56 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	7.822	152	120053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	463793	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	304615	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	744030	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	848727	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	991721	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19171	5.442	ng/uL	0.00
4) Pyridine-d5	3.669	84	257741	27.313	ng/u1	0.00
7) Phenol-d5	6.999	99	309525	25.692	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	181026	25.352	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	248020	26.383	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	239927	24.608	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	115908	28.079	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	128877	30.114	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	261874	29.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	307440	26.882	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	787874	28.980	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	875577	29.248	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	142797	31.998	ng/u1	0.00
60) Fluorene-d10	15.451	176	690650	30.264	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	148038	33.183	ng/u1	0.00
73) Anthracene-d10	17.304	188	1152315	29.460	ng/u1	0.00
81) Pyrene-d10	19.545	212	1508211	22.829	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1714545	29.651	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	37445	9.692	ng/uL	96
5) Pyridine	3.687	79	250031	26.238	ng/u1	99
6) Benzaldehyde	6.963	77	157825	25.373	ng/u1	98
8) Phenol	7.022	94	309893	26.229	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.252	93	244257	25.173	ng/u1	99
12) 2-Chlorophenol	7.387	128	250737	26.354	ng/u1	97
13) 2-Methylphenol	8.269	108	227548	25.157	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	294321	23.906	ng/u1	97
16) Acetophenone	8.646	105	372120	25.609	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	175861	22.000	ng/u1	99
18) 4-Methylphenol	8.604	108	245284	24.834	ng/u1	98
19) Hexachloroethane	8.893	117	106254	27.241	ng/u1	88
22) Nitrobenzene	9.028	77	277020	27.602	ng/u1	98
23) Isophorone	9.551	82	506028	24.729	ng/u1	98
25) 2-Nitrophenol	9.734	139	131912	28.787	ng/u1	96
26) 2,4-Dimethylphenol	9.799	107	233922	26.102	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.040	93	321688	24.901	ng/u1	100
29) 2,4-Dichlorophenol	10.269	162	244369	28.991	ng/u1	97
30) Naphthalene	10.663	128	773546	27.494	ng/u1	100
32) 4-Chloroaniline	10.787	127	273697	25.109	ng/u1	100
33) Hexachlorobutadiene	10.946	225	190793	33.797	ng/u1	99
34) Caprolactam	11.569	113	73903	28.593	ng/u1	94
35) 4-Chloro-3-methylphenol	11.916	107	253604	26.857	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	526792	26.429	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	523109	25.987	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	343190	31.053	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	177123	27.039	ng/ul	98
41) 2,4,6-Trichlorophenol	12.892	196	214850	30.220	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	235864	30.601	ng/ul	97
43) 1,1'-Biphenyl	13.292	154	719937	27.327	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	586405	28.182	ng/ul	99
45) 2-Nitroaniline	13.545	65	160282	28.415	ng/ul	94
47) Dimethylphthalate	13.922	163	773751	28.912	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	153528	30.365	ng/ul	94
50) Acenaphthylene	14.175	152	946592	28.124	ng/ul	100
51) 3-Nitroaniline	14.369	138	138758	27.492	ng/ul	95
52) Acenaphthene	14.522	153	629344	28.279	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	85808	32.022	ng/ul	94
55) 4-Nitrophenol	14.687	109	120034	35.602	ng/ul	84
56) Dibenzofuran	14.857	168	903829	29.221	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	238098	33.477	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.086	232	220500	34.105	ng/ul#	90
59) Diethylphthalate	15.286	149	780755	29.814	ng/ul	99
61) Fluorene	15.504	166	745073	30.443	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	407501	31.747	ng/ul	95
63) 4-Nitroaniline	15.534	138	158794	33.025	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.592	198	153144	32.108	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	655101	26.571	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	276068	29.391	ng/ul	95
69) Hexachlorobenzene	16.510	284	329159	31.386	ng/ul	96
70) Atrazine	16.675	200	258685	35.291	ng/ul	99
71) Pentachlorophenol	16.857	266	211884	33.971	ng/ul	99
72) Phenanthrene	17.251	178	1283359	28.560	ng/ul	100
74) Anthracene	17.339	178	1301868	28.903	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	337906	26.266	ng/uL	99
76) Pentachlorobenzene	14.775	250	352238	27.873	ng/uL	99
77) Carbazole	17.616	167	1186180	33.042	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1402964	29.350	ng/ul	99
80) Fluoranthene	19.222	202	1687746	21.612	ng/ul#	94
82) Pyrene	19.574	202	1762495	22.372	ng/ul#	94
83) Butylbenzylphthalate	20.451	149	680611	23.598	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	596807	28.936	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1943878	28.217	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1010281	25.486	ng/ul	99
87) Chrysene	21.339	228	1803426	28.427	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1788619	24.702	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2012430	27.522	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	2012565	28.447	ng/ul	98
93) Benzo(a)pyrene	23.557	252	1916648	28.687	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.121	276	2410891	30.201	ng/ul	95
95) Dibenzo(a,h)anthracene	26.133	278	1997500	30.080	ng/ul#	95
96) Benzo(g,h,i)perylene	26.868	276	1935777	30.132	ng/ul#	95

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

