

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019015.D
 Acq On : 22 Dec 2023 00:09
 Operator : MA/JU
 Sample : PB157852BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS852

Quant Time: Dec 22 08:50:07 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	119394	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	470533	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	318772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	762493	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	775660	20.000	ng/u1	# 0.00
88) Perylene-d12	23.663	264	932710	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19807	5.653	ng/uL	0.00
4) Pyridine-d5	3.669	84	280627	29.903	ng/u1	0.00
7) Phenol-d5	6.999	99	364212	30.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	199986	28.162	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	289906	31.009	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	292364	30.151	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	140478	33.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	162247	37.368	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	321145	36.172	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	382655	32.980	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	949483	33.373	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1062135	33.904	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	184674	39.544	ng/u1	0.00
60) Fluorene-d10	15.451	176	829021	34.714	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	191640	41.917	ng/u1	0.00
73) Anthracene-d10	17.304	188	1356910	33.850	ng/u1	0.00
81) Pyrene-d10	19.545	212	1726307	28.591	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1892668	34.802	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	44161	11.494	ng/uL	98
5) Pyridine	3.687	79	291472	30.755	ng/u1	97
6) Benzaldehyde	6.963	77	188761	30.514	ng/u1	96
8) Phenol	7.022	94	408571	34.772	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.252	93	316212	32.769	ng/u1	98
12) 2-Chlorophenol	7.387	128	327654	34.628	ng/u1	97
13) 2-Methylphenol	8.275	108	308008	34.240	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.346	45	361744	29.544	ng/u1	97
16) Acetophenone	8.646	105	484037	33.495	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.634	70	232399	29.233	ng/u1	97
18) 4-Methylphenol	8.604	108	333735	33.976	ng/u1	98
19) Hexachloroethane	8.893	117	137917	35.554	ng/u1	85
22) Nitrobenzene	9.028	77	359651	35.322	ng/u1	97
23) Isophorone	9.552	82	688106	33.145	ng/u1	97
25) 2-Nitrophenol	9.734	139	189150	40.687	ng/u1	96
26) 2,4-Dimethylphenol	9.804	107	309323	34.021	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.040	93	425187	32.441	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	337407	39.455	ng/u1	99
30) Naphthalene	10.663	128	1023429	35.854	ng/u1	100
32) 4-Chloroaniline	10.787	127	324612	29.354	ng/u1	100
33) Hexachlorobutadiene	10.946	225	254018	44.353	ng/u1	100
34) Caprolactam	11.575	113	109934	41.925	ng/u1	87
35) 4-Chloro-3-methylphenol	11.916	107	356114	37.173	ng/u1	99
36) 2-Methylnaphthalene	12.281	142	722204	35.714	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	714712	34.997	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.645	216	471676	40.783	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	261841	38.196	ng/ul	98
41) 2,4,6-Trichlorophenol	12.893	196	296078	39.795	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	330766	41.008	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	989456	35.890	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	802540	36.857	ng/ul	97
45) 2-Nitroaniline	13.545	65	218949	37.092	ng/ul	95
47) Dimethylphthalate	13.922	163	1054776	37.663	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	220053	41.589	ng/ul	94
50) Acenaphthylene	14.175	152	1300186	36.913	ng/ul	100
51) 3-Nitroaniline	14.369	138	213228	40.370	ng/ul	97
52) Acenaphthene	14.522	153	857408	36.816	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	144853	51.655	ng/ul	94
55) 4-Nitrophenol	14.687	109	166277	47.127	ng/ul	87
56) Dibenzofuran	14.857	168	1228835	37.965	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	330230	44.369	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.081	232	293507	43.381	ng/ul	94
59) Diethylphthalate	15.286	149	1052890	38.420	ng/ul	98
61) Fluorene	15.504	166	1007077	39.321	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	550163	40.957	ng/ul	94
63) 4-Nitroaniline	15.534	138	234969	46.697	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.592	198	225948	46.225	ng/ul#	91
67) N-Nitrosodiphenylamine	15.716	169	872901	34.548	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	376753	39.138	ng/ul	94
69) Hexachlorobenzene	16.510	284	455510	42.383	ng/ul#	93
70) Atrazine	16.675	200	205950	27.417	ng/ul	98
71) Pentachlorophenol	16.857	266	272629	42.652	ng/ul	99
72) Phenanthrene	17.251	178	1728691	37.539	ng/ul	100
74) Anthracene	17.339	178	1736223	37.613	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	478793	36.316	ng/ul	99
76) Pentachlorobenzene	14.775	250	504761	38.975	ng/ul	100
77) Carbazole	17.616	167	1586182	43.115	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1919828	39.190	ng/ul	100
80) Fluoranthene	19.222	202	2230861	31.257	ng/ul#	94
82) Pyrene	19.575	202	2286068	31.751	ng/ul#	92
83) Butylbenzylphthalate	20.451	149	920782	34.933	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	819610	43.482	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2386502	37.905	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1290830	35.630	ng/ul	100
87) Chrysene	21.339	228	2204506	38.023	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	2337548	34.325	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2468697	35.898	ng/ul#	97
91) Benzo(k)fluoranthene	22.992	252	2541126	38.190	ng/ul#	97
93) Benzo(a)pyrene	23.563	252	2381199	37.895	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.115	276	3059399	40.750	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.139	278	2540113	40.672	ng/ul#	96
96) Benzo(g,h,i)perylene	26.868	276	2460129	40.717	ng/ul#	93

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

