

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021204.D
 Acq On : 27 Jul 2024 16:39
 Operator : MA/JU
 Sample : PB162215BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS215

Quant Time: Jul 29 00:44:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	203425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	767805	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.269	164	479712	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.092	188	1018465	20.000	ng/u1	-0.01
79) Chrysene-d12	21.545	240	1076193	20.000	ng/u1	-0.01
88) Perylene-d12	24.845	264	1304766	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	28852	6.454	ng/uL	0.00
4) Pyridine-d5	3.593	84	329935	25.494	ng/u1	0.00
7) Phenol-d5	6.852	99	434135	26.177	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.993	67	260416	25.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	357157	26.138	ng/u1	-0.02
15) 4-Methylphenol-d8	8.369	113	333764	24.231	ng/u1	-0.01
21) Nitrobenzene-d5	8.804	128	168988	28.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	196331	28.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	346391	28.065	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.563	131	411134	25.144	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	990874	28.414	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	1116068	28.502	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.563	143	202153	40.743	ng/u1	-0.04
60) Fluorene-d10	15.286	176	830332	29.023	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.457	200	186674	30.293	ng/u1	-0.01
73) Anthracene-d10	17.192	188	1319314	29.166	ng/u1	-0.01
81) Pyrene-d10	19.580	212	1658821	24.932	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.627	264	1917876	29.803	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	49884	10.146	ng/uL	96
5) Pyridine	3.611	79	342516	25.659	ng/u1	98
6) Benzaldehyde	6.810	77	217911	26.062	ng/u1	99
8) Phenol	6.881	94	448039	26.698	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.081	93	355742	25.660	ng/u1	98
12) 2-Chlorophenol	7.222	128	372428	27.194	ng/u1	99
13) 2-Methylphenol	8.104	108	334890	25.803	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	507816	25.354	ng/u1	96
16) Acetophenone	8.469	105	542408	25.514	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	267748	24.037	ng/u1	98
18) 4-Methylphenol	8.434	108	356974	25.673	ng/u1	96
19) Hexachloroethane	8.687	117	164351	26.705	ng/u1	97
22) Nitrobenzene	8.846	77	411613	28.813	ng/u1	99
23) Isophorone	9.351	82	744471	26.213	ng/u1	99
25) 2-Nitrophenol	9.546	139	209667	29.452	ng/u1	99
26) 2,4-Dimethylphenol	9.610	107	323606	23.052	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.828	93	460617	26.682	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	343615	28.249	ng/u1	99
30) Naphthalene	10.451	128	1131902	28.026	ng/u1	99
32) 4-Chloroaniline	10.593	127	380848	24.392	ng/u1	99
33) Hexachlorobutadiene	10.716	225	257822	28.268	ng/u1	98
34) Caprolactam	11.398	113	108508	28.958	ng/u1	97
35) 4-Chloro-3-methylphenol	11.740	107	375715	28.416	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	760891	27.446	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	764756	26.822	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	455139	29.215	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	111035	13.624	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	249723	25.368	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	278197	26.710	ng/ul	99
43) 1,1'-Biphenyl	13.081	154	1006648	28.714	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	794475	28.387	ng/ul	99
45) 2-Nitroaniline	13.369	65	238417	30.804	ng/ul	99
47) Dimethylphthalate	13.739	163	1005442	28.415	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	210381	29.739	ng/ul	99
50) Acenaphthylene	13.992	152	1263028	28.489	ng/ul	100
51) 3-Nitroaniline	14.216	138	207171	33.654	ng/ul	97
52) Acenaphthene	14.339	153	834420	28.357	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	118401	31.870	ng/ul	96
55) 4-Nitrophenol	14.575	109	139670	34.606	ng/ul	96
56) Dibenzofuran	14.681	168	1175791	29.179	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	309714	31.893	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.934	232	208763	23.407	ng/ul#	94
59) Diethylphthalate	15.110	149	1009360	28.543	ng/ul	99
61) Fluorene	15.345	166	963019	29.287	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	510723	28.623	ng/ul	99
63) 4-Nitroaniline	15.416	138	217455	42.655	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	196599	30.085	ng/ul	99
67) N-Nitrosodiphenylamine	15.563	169	825633	27.839	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	333131	27.906	ng/ul	99
69) Hexachlorobenzene	16.369	284	379566	27.731	ng/ul	97
70) Atrazine	16.551	200	41263	3.818	ng/ul	98
71) Pentachlorophenol	16.757	266	145420	19.561	ng/ul	98
72) Phenanthrene	17.133	178	1556786	29.466	ng/ul	99
74) Anthracene	17.227	178	1569829	29.145	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	446615	27.398	ng/uL	98
76) Pentachlorobenzene	14.592	250	436877	26.971	ng/uL	99
77) Carbazole	17.527	167	1458217	33.118	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1830015	30.125	ng/ul	99
80) Fluoranthene	19.233	202	1946262	24.222	ng/ul	99
82) Pyrene	19.610	202	2069470	25.310	ng/ul	99
83) Butylbenzylphthalate	20.557	149	882165	25.895	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	786419	31.979	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2170410	28.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1317766	26.879	ng/ul	99
87) Chrysene	21.586	228	2039537	29.115	ng/ul	99
89) Di-n-octyl phthalate	22.674	149	2348031	27.241	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2284700	28.855	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	2290898	28.992	ng/ul	99
93) Benzo(a)pyrene	24.692	252	2090457	27.939	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	2843301	29.490	ng/ul	98
95) Dibenzo(a,h)anthracene	28.668	278	2340379	29.313	ng/ul	100
96) Benzo(g,h,i)perylene	29.797	276	2267548	28.878	ng/ul	98

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

