

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021148.D
 Acq On : 25 Jul 2024 15:13
 Operator : MA/JU
 Sample : PB162259BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS259

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:02:56 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	7.652	152	203682	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	783221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.299	164	478411	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.116	188	936756	20.000	ng/u1	0.01
79) Chrysene-d12	21.557	240	691937	20.000	ng/u1	0.00
88) Perylene-d12	24.869	264	888244	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	29470	6.584	ng/uL	0.00
4) Pyridine-d5	3.599	84	335926	25.924	ng/u1	0.00
7) Phenol-d5	6.864	99	446275	26.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	265685	26.401	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	359115	26.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	346590	25.130	ng/u1	0.00
21) Nitrobenzene-d5	8.811	128	174205	28.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	201280	28.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	356483	28.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	419860	25.173	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	974326	28.016	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1120580	28.695	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	177027m	35.776	ng/u1	-0.01
60) Fluorene-d10	15.316	176	826871	28.981	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.469	200	155597	27.452	ng/u1	0.00
73) Anthracene-d10	17.216	188	1201673	28.882	ng/u1	0.01
81) Pyrene-d10	19.592	212	1305377	30.515	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.645	264	1263838	28.849	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	51279	10.417	ng/uL	98
5) Pyridine	3.617	79	346927	25.957	ng/u1	99
6) Benzaldehyde	6.822	77	222293	26.553	ng/u1	99
8) Phenol	6.893	94	458517	27.287	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	366746	26.421	ng/u1	99
12) 2-Chlorophenol	7.234	128	384349	28.029	ng/u1	98
13) 2-Methylphenol	8.116	108	344063	26.476	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.164	45	522619m	26.060	ng/u1	
16) Acetophenone	8.475	105	554706	26.059	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.452	70	271963	24.384	ng/u1	99
18) 4-Methylphenol	8.440	108	363309	26.096	ng/u1	97
19) Hexachloroethane	8.705	117	162853	26.428	ng/u1	98
22) Nitrobenzene	8.852	77	422297	28.979	ng/u1	99
23) Isophorone	9.369	82	756360	26.108	ng/u1	99
25) 2-Nitrophenol	9.552	139	215656	29.697	ng/u1	98
26) 2,4-Dimethylphenol	9.622	107	349409	24.401	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	465512	26.435	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	352812	28.434	ng/u1	99
30) Naphthalene	10.475	128	1152458	27.974	ng/u1	100
32) 4-Chloroaniline	10.599	127	382938	24.043	ng/u1	98
33) Hexachlorobutadiene	10.728	225	264700	28.451	ng/u1	98
34) Caprolactam	11.410	113	105426	27.581	ng/u1	98
35) 4-Chloro-3-methylphenol	11.746	107	374539	27.769	ng/u1	99
36) 2-Methylnaphthalene	12.087	142	767048	27.123	ng/u1	97

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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)
37) 1-Methylnaphthalene	12.310	142	767395	26.384	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	459513	29.576	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	118854	14.623	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	257308	26.209	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	282952	27.240	ng/ul	99
43) 1,1'-Biphenyl	13.116	154	1008395	28.842	ng/ul	99
44) 2-Chloronaphthalene	13.157	162	790729	28.330	ng/ul	99
45) 2-Nitroaniline	13.399	65	233341	30.231	ng/ul	99
47) Dimethylphthalate	13.751	163	985562	27.929	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	207476	29.408	ng/ul	98
50) Acenaphthylene	14.016	152	1255332	28.392	ng/ul	100
51) 3-Nitroaniline	14.228	138	195273	31.807	ng/ul	96
52) Acenaphthene	14.363	153	825892	28.143	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	90936	24.544	ng/ul	99
55) 4-Nitrophenol	14.604	109	124411	30.909	ng/ul	96
56) Dibenzofuran	14.704	168	1138178	28.323	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	285352	29.464	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.951	232	200869	22.583	ng/ul	98
59) Diethylphthalate	15.140	149	966611	27.409	ng/ul	99
61) Fluorene	15.369	166	925405	28.219	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	486621	27.347	ng/ul	100
63) 4-Nitroaniline	15.422	138	177466	34.906	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.487	198	167257	27.827	ng/ul	98
67) N-Nitrosodiphenylamine	15.593	169	792217	29.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	309630	28.200	ng/ul	99
69) Hexachlorobenzene	16.392	284	366747	29.131	ng/ul	98
70) Atrazine	16.575	200	43139	4.339	ng/ul	97
71) Pentachlorophenol	16.769	266	125634m	18.374	ng/ul	
72) Phenanthrene	17.157	178	1422855	29.280	ng/ul	99
74) Anthracene	17.245	178	1399561	28.251	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	447383	29.839	ng/uL	99
76) Pentachlorobenzene	14.622	250	426319	28.615	ng/uL	99
77) Carbazole	17.551	167	1239819	30.614	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1554846	27.828	ng/ul	99
80) Fluoranthene	19.251	202	1578368	30.552	ng/ul	99
82) Pyrene	19.628	202	1607201	30.573	ng/ul	99
83) Butylbenzylphthalate	20.569	149	624837	28.527	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	472175	29.863	ng/ul	100
85) Benzo(a)anthracene	21.539	228	1416788	29.230	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	857536	27.206	ng/ul	100
87) Chrysene	21.610	228	1339434	29.739	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1351955	23.040	ng/ul	100
90) Benzo(b)fluoranthene	23.816	252	1481736	27.489	ng/ul	98
91) Benzo(k)fluoranthene	23.886	252	1443687	26.837	ng/ul	99
93) Benzo(a)pyrene	24.710	252	1411524	27.711	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.645	276	2134185	32.515	ng/ul	98
95) Dibenzo(a,h)anthracene	28.727	278	1747825m	32.157	ng/ul	
96) Benzo(g,h,i)perylene	29.833	276	1729336m	32.351	ng/ul	

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

