

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011349.D
 Acq On : 10 Aug 2022 02:32
 Operator : CG/JU
 Sample : PB146641BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS641

Quant Time: Aug 10 03:12:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/10/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	120551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	517703	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	294885	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	586894	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	536855	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	521850	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	23307	5.927	ng/uL	0.00
4) Pyridine-d5	3.505	84	292894	29.527	ng/u1	0.00
7) Phenol-d5	6.775	99	364616	34.177	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	234089	30.946	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	292688	34.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	286471	34.199	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	136983	38.879	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	143266	44.413	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	249510	38.302	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	340870	29.930	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	755198	36.910	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	913076	37.072	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	138020	36.933	ng/u1	0.00
60) Fluorene-d10	15.263	176	609204	34.816	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	110844	40.661	ng/u1	0.00
73) Anthracene-d10	17.134	188	910327	34.509	ng/u1	0.00
81) Pyrene-d10	19.392	212	1020594	34.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	952147	36.180	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	48121	11.521	ng/uL#	81
5) Pyridine	3.522	79	317502	30.729	ng/u1#	83
6) Benzaldehyde	6.740	77	249643	53.694	ng/u1	99
8) Phenol	6.805	94	381731	33.056	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.028	93	299799	32.236	ng/u1	95
12) 2-Chlorophenol	7.152	128	306463	35.135	ng/u1	97
13) 2-Methylphenol	8.046	108	281732	33.876	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	435030m	31.187	ng/u1	
16) Acetophenone	8.422	105	469337	34.630	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	247674	37.097	ng/u1	97
18) 4-Methylphenol	8.375	108	303578	34.055	ng/u1	96
19) Hexachloroethane	8.652	117	133074	36.133	ng/u1	95
22) Nitrobenzene	8.793	77	370714	37.585	ng/u1	97
23) Isophorone	9.328	82	668794	36.966	ng/u1	98
25) 2-Nitrophenol	9.505	139	161560	42.975	ng/u1#	90
26) 2,4-Dimethylphenol	9.575	107	325585	34.275	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.810	93	390888	33.807	ng/u1	98
29) 2,4-Dichlorophenol	10.034	162	254035	37.290	ng/u1	100
30) Naphthalene	10.428	128	953910	33.867	ng/u1	99
32) 4-Chloroaniline	10.552	127	369170	32.339	ng/u1	98
33) Hexachlorobutadiene	10.710	225	155931	37.311	ng/u1	98
34) Caprolactam	11.357	113	91129m	40.002	ng/u1	
35) 4-Chloro-3-methylphenol	11.699	107	315394	39.377	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	610677	34.978	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	618735	34.938	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	271752	35.005	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	124025	29.813	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	183071	38.974	ng/ul	98
42) 2,4,5-Trichlorophenol	12.751	196	196939	39.283	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	788184	34.038	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	591704	34.057	ng/ul	96
45) 2-Nitroaniline	13.345	65	212298	48.113	ng/ul	98
47) Dimethylphthalate	13.734	163	771884	37.247	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	151115	46.636	ng/ul	92
50) Acenaphthylene	13.981	152	1000129	35.227	ng/ul	100
51) 3-Nitroaniline	14.187	138	165257	46.363	ng/ul	93
52) Acenaphthene	14.322	153	654051	34.542	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	76505	39.794	ng/ul#	86
55) 4-Nitrophenol	14.510	109	153385	44.244	ng/ul#	75
56) Dibenzofuran	14.663	168	883971	34.436	ng/ul	95
57) 2,4-Dinitrotoluene	14.645	165	218855	44.065	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.898	232	155451	39.859	ng/ul#	95
59) Diethylphthalate	15.110	149	852725	39.719	ng/ul	97
61) Fluorene	15.322	166	736987	35.352	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	325898	35.762	ng/ul	91
63) 4-Nitroaniline	15.363	138	180057m	51.913	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	112843	40.200	ng/ul#	96
67) N-Nitrosodiphenylamine	15.539	169	620065	35.853	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	190939	36.765	ng/ul	90
69) Hexachlorobenzene	16.322	284	216257	35.642	ng/ul	90
70) Atrazine	16.516	200	214806	37.263	ng/ul	98
71) Pentachlorophenol	16.681	266	129682	36.817	ng/ul	96
72) Phenanthrene	17.075	178	1131080	34.370	ng/ul	100
74) Anthracene	17.169	178	1127545	34.417	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	269992	32.044	ng/uL	98
76) Pentachlorobenzene	14.581	250	258282	35.199	ng/uL	98
77) Carbazole	17.451	167	1064069	34.758	ng/ul	98
78) Di-n-butylphthalate	18.022	149	1450654	43.335	ng/ul	99
80) Fluoranthene	19.063	202	1270498	35.291	ng/ul	96
82) Pyrene	19.422	202	1314714	34.599	ng/ul	94
83) Butylbenzylphthalate	20.322	149	642539	53.063	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.086	252	377659	38.654	ng/ul	99
85) Benzo(a)anthracene	21.145	228	1207151	35.048	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	970023	49.901	ng/ul	99
87) Chrysene	21.198	228	1196095	35.081	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1622290	44.805	ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	1242597	36.179	ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	1137091	33.837	ng/ul	98
93) Benzo(a)pyrene	23.368	252	1172158	35.384	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.845	276	1296025	35.390	ng/ul	95
95) Dibenzo(a,h)anthracene	25.868	278	1121204	35.999	ng/ul#	95
96) Benzo(g,h,i)perylene	26.580	276	1096091	35.470	ng/ul	96

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

