

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041422\
 Data File : BP009825.D
 Acq On : 14 Apr 2022 13:34
 Operator : CG/JU
 Sample : PB144012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS012

Quant Time: Apr 14 21:45:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 13 02:15:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/15/2022
 Supervised By :Yogesh Patel 04/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	128134	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	578007	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	418271	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	963357	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	1019467	20.000	ng/u1	# 0.00
88) Perylene-d12	23.892	264	946703	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17700m	6.165	ng/uL	0.00
4) Pyridine-d5	3.799	84	230786	29.155	ng/u1	0.00
7) Phenol-d5	7.116	99	334463	29.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	211313	31.553	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	266099	31.359	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	285497	30.402	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	137457	32.978	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	151779	33.214	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	294998	30.849	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	375028	27.536	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1017869	30.980	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	1143348	29.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	183637	30.819	ng/u1	0.00
60) Fluorene-d10	15.586	176	867613	31.390	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	179874	31.518	ng/u1	0.00
73) Anthracene-d10	17.445	188	1399882	30.350	ng/u1	0.00
81) Pyrene-d10	19.674	212	1746820	31.373	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1614983	32.758	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	33909	11.586	ng/uL#	21
5) Pyridine	3.817	79	239201	28.962	ng/u1#	38
6) Benzaldehyde	7.093	77	222133	32.198	ng/u1	96
8) Phenol	7.146	94	347828	30.890	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.381	93	265713	30.294	ng/u1#	76
12) 2-Chlorophenol	7.522	128	265782	31.068	ng/u1	95
13) 2-Methylphenol	8.399	108	267643	30.481	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.499	45	405205	31.253	ng/u1#	84
16) Acetophenone	8.787	105	447561	30.249	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.775	70	237422	30.951	ng/u1#	70
18) 4-Methylphenol	8.734	108	292912	30.805	ng/u1	96
19) Hexachloroethane	9.052	117	111652	30.912	ng/u1	83
22) Nitrobenzene	9.163	77	348022	32.529	ng/u1#	83
23) Isophorone	9.699	82	659736	29.925	ng/u1	96
25) 2-Nitrophenol	9.875	139	159995	32.827	ng/u1#	85
26) 2,4-Dimethylphenol	9.940	107	342733	29.632	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.175	93	395304	30.541	ng/u1#	97
29) 2,4-Dichlorophenol	10.410	162	289946	31.276	ng/u1#	85
30) Naphthalene	10.822	128	906398	30.491	ng/u1	96
32) 4-Chloroaniline	10.922	127	368461	27.338	ng/u1	97
33) Hexachlorobutadiene	11.116	225	204682	30.655	ng/u1	95
34) Caprolactam	11.693	113	100504m	32.781	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	354363	31.546	ng/u1#	70
36) 2-Methylnaphthalene	12.428	142	658335	30.314	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	673152	30.698	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.792	216	394711	30.844	ng/ul	92
40) Hexachlorocyclopentadiene	12.781	237	229262	25.816	ng/ul	95
41) 2,4,6-Trichlorophenol	13.028	196	258807	31.668	ng/ul#	79
42) 2,4,5-Trichlorophenol	13.098	196	288807	32.701	ng/ul#	87
43) 1,1'-Biphenyl	13.434	154	936821	30.697	ng/ul	93
44) 2-Chloronaphthalene	13.469	162	726314	30.961	ng/ul	94
45) 2-Nitroaniline	13.669	65	248117	36.090	ng/ul#	81
47) Dimethylphthalate	14.051	163	974841	30.827	ng/ul#	92
48) 2,6-Dinitrotoluene	14.163	165	202548	34.822	ng/ul	96
50) Acenaphthylene	14.316	152	1185025	30.849	ng/ul	96
51) 3-Nitroaniline	14.487	138	195414	32.316	ng/ul#	82
52) Acenaphthene	14.657	153	766265	30.467	ng/ul	97
53) 2,4-Dinitrophenol	14.692	184	111755	31.785	ng/ul#	81
55) 4-Nitrophenol	14.792	109	172194	31.393	ng/ul#	52
56) Dibenzofuran	14.992	168	1140447	30.809	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	301196	35.264	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.216	232	261057	32.419	ng/ul#	86
59) Diethylphthalate	15.416	149	1015651	31.034	ng/ul	94
61) Fluorene	15.639	166	952749	31.248	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.634	204	502380	30.988	ng/ul	96
63) 4-Nitroaniline	15.651	138	217211m	35.863	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	179170	31.585	ng/ul#	89
67) N-Nitrosodiphenylamine	15.845	169	834901	30.275	ng/ul	94
68) 4-Bromophenyl-phenylether	16.533	248	314662	30.175	ng/ul	94
69) Hexachlorobenzene	16.651	284	368964	30.771	ng/ul#	90
70) Atrazine	16.804	200	336315	29.546	ng/ul#	90
71) Pentachlorophenol	16.992	266	240523	29.634	ng/ul#	85
72) Phenanthrene	17.386	178	1567407	30.481	ng/ul	98
74) Anthracene	17.480	178	1591862	30.533	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	424254	30.460	ng/uL#	85
76) Pentachlorobenzene	14.916	250	410745	30.255	ng/uL	91
77) Carbazole	17.745	167	1440855	30.582	ng/ul#	95
78) Di-n-butylphthalate	18.298	149	1788615	30.872	ng/ul#	93
80) Fluoranthene	19.345	202	1999749	31.203	ng/ul#	96
82) Pyrene	19.698	202	2037553	31.358	ng/ul#	94
83) Butylbenzylphthalate	20.569	149	846036	31.739	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.339	252	651266	29.979	ng/ul#	96
85) Benzo(a)anthracene	21.410	228	2050096	31.721	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.333	149	1253973	31.275	ng/ul#	81
87) Chrysene	21.463	228	1980995	31.769	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2130620	32.122	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2021966	32.146	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	1929980	33.626	ng/ul#	97
93) Benzo(a)pyrene	23.786	252	1896766	32.532	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	1928421	31.630	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.498	278	1675812	31.699	ng/ul#	97
96) Benzo(g,h,i)perylene	27.262	276	1582176	31.473	ng/ul	93

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

