

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016023.D
 Acq On : 05 Jul 2023 20:26
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: Jul 05 22:48:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	259558	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.857	136	1118472	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.687	164	648823	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.451	188	1275883	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	846301	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	949145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	54628	7.572	ng/uL	0.00
4) Pyridine-d5	3.811	84	375464	20.646	ng/u1	0.00
7) Phenol-d5	7.228	99	489553	22.044	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	319275	23.237	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	370054	22.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	374307	21.335	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	188537	22.057	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	203500	20.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	370628	20.848	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	490996	21.500	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1036874	20.676	ng/u1	-0.01
49) Acenaphthylene-d8	14.387	160	1207616	21.421	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	157058	23.732	ng/u1	0.06
60) Fluorene-d10	15.686	176	872688	21.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	92954	11.846	ng/u1	0.01
73) Anthracene-d10	17.557	188	1252147	21.485	ng/u1	0.00
81) Pyrene-d10	19.786	212	1172102	21.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	977448	20.415	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	58508	7.536	ng/uL	98
5) Pyridine	3.834	79	391259	20.566	ng/u1	97
6) Benzaldehyde	7.187	77	130709	14.558	ng/u1	97
8) Phenol	7.257	94	515155	22.353	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.457	93	418429	22.820	ng/u1	97
12) 2-Chlorophenol	7.605	128	389730	21.882	ng/u1	97
13) 2-Methylphenol	8.510	108	392594	22.563	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.569	45	629350	25.130	ng/u1	99
16) Acetophenone	8.881	105	629589	21.831	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.857	70	347435	21.691	ng/u1	99
18) 4-Methylphenol	8.852	108	420220	22.477	ng/u1	100
19) Hexachloroethane	9.110	117	160223	19.478	ng/u1	89
22) Nitrobenzene	9.269	77	523948	21.828	ng/u1	97
23) Isophorone	9.793	82	953690	20.762	ng/u1	99
25) 2-Nitrophenol	9.987	139	217602	20.552	ng/u1	95
26) 2,4-Dimethylphenol	10.051	107	474202	20.374	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.269	93	577615	22.275	ng/u1	98
29) 2,4-Dichlorophenol	10.546	162	374268	21.176	ng/u1	99
30) Naphthalene	10.910	128	1294699	21.293	ng/u1	99
32) 4-Chloroaniline	11.057	127	512953	21.619	ng/u1	98
33) Hexachlorobutadiene	11.169	225	241539	18.096	ng/u1	100
34) Caprolactam	11.863	113	117356	21.707	ng/u1	94
35) 4-Chloro-3-methylphenol	12.193	107	421284	20.363	ng/u1	97
36) 2-Methylnaphthalene	12.522	142	843615	21.077	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	840150	20.576	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.892	216	440862	20.619	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	11128	1.740	ng/ul	88
41) 2,4,6-Trichlorophenol	13.151	196	284003	21.018	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	307368	21.446	ng/ul	96
43) 1,1'-Biphenyl	13.522	154	1119479	21.784	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	878822	21.708	ng/ul	98
45) 2-Nitroaniline	13.810	65	285414	22.406	ng/ul	95
47) Dimethylphthalate	14.145	163	1068998	20.597	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	222009	21.088	ng/ul	97
50) Acenaphthylene	14.410	152	1351329	21.755	ng/ul	99
51) 3-Nitroaniline	14.645	138	182087	22.056	ng/ul	96
52) Acenaphthene	14.751	153	926278	21.504	ng/ul	99
53) 2,4-Dinitrophenol	14.904	184	43162	7.728	ng/ul	92
55) 4-Nitrophenol	15.010	109	108355m	15.800	ng/ul	
56) Dibenzofuran	15.092	168	1280503	21.415	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	295786	20.618	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.339	232	246574	20.029	ng/ul	99
59) Diethylphthalate	15.498	149	1088906	20.733	ng/ul	99
61) Fluorene	15.745	166	1030618	21.250	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	503164	20.275	ng/ul	99
63) 4-Nitroaniline	15.828	138	69902	12.371	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.881	198	94280	11.876	ng/ul#	91
67) N-Nitrosodiphenylamine	15.951	169	843940	22.095	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	301614	20.702	ng/ul	92
69) Hexachlorobenzene	16.757	284	342450	19.920	ng/ul	99
70) Atrazine	16.910	200	296368	20.270	ng/ul	99
71) Pentachlorophenol	17.128	266	147231	17.844	ng/ul	97
72) Phenanthrene	17.492	178	1491460	21.518	ng/ul	100
74) Anthracene	17.592	178	1495556	21.473	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	450778	21.713	ng/ul	99
76) Pentachlorobenzene	15.010	250	434704	20.746	ng/ul	99
77) Carbazole	17.875	167	1275986	21.736	ng/ul	98
78) Di-n-butylphthalate	18.375	149	1852960	23.810	ng/ul	100
80) Fluoranthene	19.463	202	1503073	21.885	ng/ul	96
82) Pyrene	19.816	202	1485753	21.207	ng/ul#	91
83) Butylbenzylphthalate	20.651	149	718264	25.130	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.463	252	372498	19.471	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1271760	21.362	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1041991	26.527	ng/ul	99
87) Chrysene	21.586	228	1205157	21.337	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1614255	23.272	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1202818	19.723	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	1282093	20.807	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	1104029	20.718	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	1459032	20.169	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.792	278	1190141	20.029	ng/ul#	94
96) Benzo(g,h,i)perylene	27.633	276	1178626	19.804	ng/ul#	95

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

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