

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009794.D
 Acq On : 12 Apr 2022 22:06
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020746

Quant Time: Apr 13 02:26:49 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 04/13/2022
 Supervised By :Yogesh Patel 04/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	168704	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	961081	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	771662	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1719749	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	1852961	20.000	ng/u1	# 0.00
88) Perylene-d12	23.898	264	1803654	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	29491	7.802	ng/uL	0.00
4) Pyridine-d5	3.799	84	232852	22.342	ng/u1	0.00
7) Phenol-d5	7.122	99	363547	24.545	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	214757m	24.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	263957	23.626	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	324935	26.280	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	147964	21.349	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	171595	22.583	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	334892	21.062	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	493068	21.773	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1185634	19.560	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	1415695	19.714	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	226121	20.570	ng/u1	0.00
60) Fluorene-d10	15.592	176	1005376	19.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	210749	20.686	ng/u1	0.00
73) Anthracene-d10	17.451	188	1631220	19.811	ng/u1	0.00
81) Pyrene-d10	19.675	212	1970980	19.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1865983	19.866	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	29728	7.715	ng/uL#	19
5) Pyridine	3.822	79	240810	22.145	ng/u1#	42
6) Benzaldehyde	7.099	77	168909	18.595	ng/u1	95
8) Phenol	7.146	94	362617	24.459	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.381	93	276033	23.902	ng/u1#	77
12) 2-Chlorophenol	7.528	128	265403	23.563	ng/u1	92
13) 2-Methylphenol	8.405	108	286789	24.807	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	436288	25.558	ng/u1#	84
16) Acetophenone	8.787	105	510662	26.214	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.781	70	278236	27.549	ng/u1#	73
18) 4-Methylphenol	8.734	108	329799	26.343	ng/u1	93
19) Hexachloroethane	9.058	117	106360	22.365	ng/u1	83
22) Nitrobenzene	9.169	77	368643	20.723	ng/u1#	85
23) Isophorone	9.699	82	806658	22.005	ng/u1#	97
25) 2-Nitrophenol	9.881	139	180194	22.235	ng/u1#	85
26) 2,4-Dimethylphenol	9.940	107	398736	20.733	ng/u1#	83
27) Bis(2-Chloroethoxy)met...	10.181	93	448581	20.843	ng/u1#	98
29) 2,4-Dichlorophenol	10.416	162	323875	21.011	ng/u1#	83
30) Naphthalene	10.822	128	971676	19.658	ng/u1	96
32) 4-Chloroaniline	10.928	127	487290	21.744	ng/u1	98
33) Hexachlorobutadiene	11.122	225	205411	18.502	ng/u1	97
34) Caprolactam	11.699	113	125541m	24.626	ng/u1	
35) 4-Chloro-3-methylphenol	12.046	107	422445	22.617	ng/u1#	71
36) 2-Methylnaphthalene	12.428	142	753690	20.872	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	769826	21.114	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.798	216	448243	18.986	ng/ul	93
40) Hexachlorocyclopentadiene	12.787	237	252054	15.385	ng/ul	94
41) 2,4,6-Trichlorophenol	13.034	196	307770	20.413	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.104	196	340776	20.915	ng/ul#	87
43) 1,1'-Biphenyl	13.434	154	1086928	19.305	ng/ul	92
44) 2-Chloronaphthalene	13.475	162	840445	19.419	ng/ul	93
45) 2-Nitroaniline	13.669	65	293736	23.159	ng/ul#	80
47) Dimethylphthalate	14.051	163	1143763	19.605	ng/ul#	93
48) 2,6-Dinitrotoluene	14.169	165	240570	22.418	ng/ul	92
50) Acenaphthylene	14.322	152	1395207	19.687	ng/ul	95
51) 3-Nitroaniline	14.493	138	223788	20.060	ng/ul#	82
52) Acenaphthene	14.663	153	909453	19.600	ng/ul	97
53) 2,4-Dinitrophenol	14.693	184	138573	21.363	ng/ul#	80
55) 4-Nitrophenol	14.798	109	203624	20.122	ng/ul#	50
56) Dibenzofuran	14.998	168	1333996	19.534	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	358472	22.749	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.222	232	301548	20.298	ng/ul#	87
59) Diethylphthalate	15.422	149	1183025	19.594	ng/ul	93
61) Fluorene	15.645	166	1102492	19.600	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.640	204	577067	19.294	ng/ul	97
63) 4-Nitroaniline	15.657	138	218134m	19.522	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	208532	20.592	ng/ul#	91
67) N-Nitrosodiphenylamine	15.851	169	975057	19.806	ng/ul	94
68) 4-Bromophenyl-phenylether	16.534	248	358527	19.259	ng/ul	97
69) Hexachlorobenzene	16.657	284	414708	19.374	ng/ul#	92
70) Atrazine	16.810	200	379581	18.680	ng/ul#	89
71) Pentachlorophenol	16.998	266	278149	19.197	ng/ul#	85
72) Phenanthrene	17.392	178	1810660	19.725	ng/ul	99
74) Anthracene	17.481	178	1823004	19.587	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	482247	19.396	ng/uL#	85
76) Pentachlorobenzene	14.916	250	475757	19.631	ng/uL	91
77) Carbazole	17.745	167	1640819	19.509	ng/ul#	95
78) Di-n-butylphthalate	18.304	149	2063565	19.952	ng/ul#	93
80) Fluoranthene	19.351	202	2256620	19.373	ng/ul#	96
82) Pyrene	19.704	202	2298010	19.458	ng/ul#	92
83) Butylbenzylphthalate	20.575	149	990062	20.435	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.339	252	708563	17.945	ng/ul#	97
85) Benzo(a)anthracene	21.416	228	2303279	19.608	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.339	149	1463004	20.075	ng/ul#	82
87) Chrysene	21.469	228	2221880	19.604	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2482047	19.641	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	2395745	19.992	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	2160137	19.754	ng/ul#	97
93) Benzo(a)pyrene	23.786	252	2224398	20.025	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	2327302	20.036	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.498	278	2020633	20.062	ng/ul#	96
96) Benzo(g,h,i)perylene	27.268	276	1891775	19.752	ng/ul#	91

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

