

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
 Data File : BP010086.D
 Acq On : 25 Apr 2022 17:06
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020772

Quant Time: Apr 26 01:03:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	177392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	791520	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	539184	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1142691	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1047702	20.000	ng/u1	# 0.00
88) Perylene-d12	23.851	264	869904	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	36722	9.027	ng/uL	0.00
4) Pyridine-d5	3.781	84	237001	20.710	ng/u1	0.00
7) Phenol-d5	7.093	99	339380	21.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	218104m	22.527	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	264107	22.101	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	280211	20.960	ng/u1	-0.01
21) Nitrobenzene-d5	9.093	128	135529	21.529	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	151625	22.053	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	285337	21.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	406544	21.184	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	918618	21.902	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1114454	21.955	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	145024	18.782	ng/u1	0.00
60) Fluorene-d10	15.557	176	767914	21.284	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	154233	21.346	ng/u1	0.00
73) Anthracene-d10	17.416	188	1205892	21.813	ng/u1	0.00
81) Pyrene-d10	19.645	212	1376260	23.098	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1018528	22.334	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	36927	8.735	ng/uL#	27
5) Pyridine	3.799	79	248737	20.909	ng/u1#	45
6) Benzaldehyde	7.069	77	198518	23.023	ng/u1	97
8) Phenol	7.122	94	338260	20.864	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.352	93	277198	22.192	ng/u1#	77
12) 2-Chlorophenol	7.499	128	269435	22.353	ng/u1	93
13) 2-Methylphenol	8.375	108	262651	21.124	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	425732	22.970	ng/u1#	85
16) Acetophenone	8.758	105	448329	21.495	ng/u1#	83
17) N-Nitroso-di-n-propyla...	8.746	70	240395	21.998	ng/u1#	75
18) 4-Methylphenol	8.705	108	288640	21.083	ng/u1	92
19) Hexachloroethane	9.022	117	114783	22.663	ng/u1#	81
22) Nitrobenzene	9.134	77	336083	21.790	ng/u1#	85
23) Isophorone	9.663	82	663968	21.795	ng/u1#	97
25) 2-Nitrophenol	9.852	139	161250	22.144	ng/u1#	84
26) 2,4-Dimethylphenol	9.910	107	337771	21.425	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.146	93	397857	22.282	ng/u1#	96
29) 2,4-Dichlorophenol	10.387	162	276057m	21.456	ng/u1	
30) Naphthalene	10.793	128	907270	21.900	ng/u1	96
32) 4-Chloroaniline	10.899	127	404070	21.366	ng/u1	99
33) Hexachlorobutadiene	11.087	225	198093	21.724	ng/u1	93
34) Caprolactam	11.657	113	86993m	18.797	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	317925	20.455	ng/u1#	70
36) 2-Methylnaphthalene	12.399	142	636034	21.169	ng/u1	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	646245	21.183	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.769	216	371982	22.330	ng/ul	94
40) Hexachlorocyclopentadiene	12.752	237	221451	23.589	ng/ul	96
41) 2,4,6-Trichlorophenol	13.004	196	229967	21.336	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.075	196	253597	21.625	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	884466	22.241	ng/ul	92
44) 2-Chloronaphthalene	13.446	162	678566	22.049	ng/ul	93
45) 2-Nitroaniline	13.640	65	211406	21.185	ng/ul#	81
47) Dimethylphthalate	14.022	163	887194	21.765	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	185312	22.153	ng/ul	91
50) Acenaphthylene	14.287	152	1112139	22.118	ng/ul	96
51) 3-Nitroaniline	14.469	138	111798m	14.753	ng/ul	
52) Acenaphthene	14.634	153	717048	21.931	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	85631	18.319	ng/ul#	81
55) 4-Nitrophenol	14.775	109	118068	17.600	ng/ul#	45
56) Dibenzofuran	14.963	168	1043291	21.549	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	262506	21.480	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.193	232	219600	21.066	ng/ul#	88
59) Diethylphthalate	15.387	149	895803	21.606	ng/ul	94
61) Fluorene	15.616	166	847807	21.329	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.610	204	446721	21.354	ng/ul	99
63) 4-Nitroaniline	15.628	138	102159m	13.854	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.693	198	150067	21.527	ng/ul#	93
67) N-Nitrosodiphenylamine	15.822	169	744074	22.694	ng/ul	94
68) 4-Bromophenyl-phenylether	16.504	248	270267	22.174	ng/ul	95
69) Hexachlorobenzene	16.628	284	310679	21.960	ng/ul#	90
70) Atrazine	16.775	200	289934	21.751	ng/ul#	91
71) Pentachlorophenol	16.969	266	177568	19.708	ng/ul#	84
72) Phenanthrene	17.363	178	1351193	21.755	ng/ul	98
74) Anthracene	17.451	178	1355623	21.670	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	385161	23.088	ng/uL#	86
76) Pentachlorobenzene	14.887	250	370352	22.639	ng/uL	92
77) Carbazole	17.722	167	1170118	21.138	ng/ul#	96
78) Di-n-butylphthalate	18.269	149	1526521	22.414	ng/ul#	93
80) Fluoranthene	19.322	202	1589177	23.646	ng/ul	98
82) Pyrene	19.675	202	1609954	23.252	ng/ul	97
83) Butylbenzylphthalate	20.545	149	662712	23.155	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.316	252	333021	17.665	ng/ul#	98
85) Benzo(a)anthracene	21.386	228	1449132	21.795	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.310	149	960112	22.634	ng/ul#	82
87) Chrysene	21.439	228	1435539	21.927	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1543260	22.820	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1284366	21.962	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	1277298	23.057	ng/ul#	97
93) Benzo(a)pyrene	23.745	252	1207830	22.334	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.415	276	1128073	20.969	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.427	278	954406	20.733	ng/ul#	94
96) Benzo(g,h,i)perylene	27.198	276	951822	20.968	ng/ul#	91

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

