

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051822\
 Data File : BP010390.D
 Acq On : 18 May 2022 09:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020655

Quant Time: May 19 01:56:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	131919	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	597088	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	416687	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	920661	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.362	240	947654	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	846894	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	25054m	8.095	ng/uL	0.00
4) Pyridine-d5	3.763	84	174197	19.823	ng/u1	0.00
7) Phenol-d5	7.063	99	220952	19.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	156825m	21.081	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	177031	20.895	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	190757	20.272	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	94695	20.492	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	102216	20.872	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	195710	21.135	ng/u1	0.00
31) 4-Chloroaniline-d4	10.833	131	272170	19.768	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	632300	20.596	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	741303	20.934	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	100296	18.354	ng/u1	0.00
60) Fluorene-d10	15.521	176	553519	20.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	95695	17.773	ng/u1	0.00
73) Anthracene-d10	17.380	188	881660	21.149	ng/u1	0.00
81) Pyrene-d10	19.615	212	1053029	20.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	910779	21.417	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	26960	8.409	ng/uL#	28
5) Pyridine	3.781	79	179464	19.651	ng/u1#	32
6) Benzaldehyde	7.034	77	142436	24.335	ng/u1	93
8) Phenol	7.087	94	243489	20.384	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.316	93	192697	20.518	ng/u1#	72
12) 2-Chlorophenol	7.457	128	183250	20.718	ng/u1	94
13) 2-Methylphenol	8.339	108	183091	20.532	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	337499	22.049	ng/u1#	81
16) Acetophenone	8.722	105	311226	21.051	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.704	70	169592	21.434	ng/u1#	66
18) 4-Methylphenol	8.669	108	201157	20.411	ng/u1	91
19) Hexachloroethane	8.975	117	81096	21.082	ng/u1#	81
22) Nitrobenzene	9.098	77	251067	20.675	ng/u1#	83
23) Isophorone	9.628	82	461813	20.575	ng/u1	97
25) 2-Nitrophenol	9.810	139	111209	20.681	ng/u1#	87
26) 2,4-Dimethylphenol	9.875	107	246788	21.151	ng/u1#	83
27) Bis(2-Chloroethoxy)met...	10.104	93	276276	20.672	ng/u1#	98
29) 2,4-Dichlorophenol	10.345	162	197100	20.819	ng/u1#	83
30) Naphthalene	10.745	128	643539	20.635	ng/u1	96
32) 4-Chloroaniline	10.857	127	273929	20.047	ng/u1	100
33) Hexachlorobutadiene	11.039	225	142016	21.169	ng/u1	92
34) Caprolactam	11.633	113	63867m	19.330	ng/u1	
35) 4-Chloro-3-methylphenol	11.980	107	231321	20.886	ng/u1#	72
36) 2-Methylnaphthalene	12.357	142	457243	20.710	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	459443	20.610	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.727	216	262509	20.644	ng/ul	94
40) Hexachlorocyclopentadiene	12.710	237	130915	18.937	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	169190	21.345	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.039	196	182170	20.584	ng/ul#	86
43) 1,1'-Biphenyl	13.363	154	640470	20.941	ng/ul#	94
44) 2-Chloronaphthalene	13.404	162	492915	20.866	ng/ul	96
45) 2-Nitroaniline	13.610	65	168330	21.651	ng/ul#	74
47) Dimethylphthalate	13.986	163	630376	20.700	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	128260	20.661	ng/ul	99
50) Acenaphthylene	14.251	152	803799	20.982	ng/ul	95
51) 3-Nitroaniline	14.433	138	117120	20.102	ng/ul#	82
52) Acenaphthene	14.592	153	514740	20.597	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	47861	13.809	ng/ul#	76
55) 4-Nitrophenol	14.739	109	94946	19.541	ng/ul#	46
56) Dibenzofuran	14.927	168	771112	21.055	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	190333	21.298	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.157	232	159475	20.955	ng/ul#	86
59) Diethylphthalate	15.351	149	644525	20.742	ng/ul	93
61) Fluorene	15.580	166	624946	20.866	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.574	204	324918	20.855	ng/ul	99
63) 4-Nitroaniline	15.592	138	119404	20.756	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.657	198	97492	18.156	ng/ul#	88
67) N-Nitrosodiphenylamine	15.786	169	543228	21.040	ng/ul	96
68) 4-Bromophenyl-phenylether	16.468	248	196696	20.745	ng/ul	93
69) Hexachlorobenzene	16.592	284	225271	20.655	ng/ul#	91
70) Atrazine	16.739	200	208908m	20.197	ng/ul	
71) Pentachlorophenol	16.933	266	126412	18.473	ng/ul#	82
72) Phenanthrene	17.321	178	1021801	20.796	ng/ul	98
74) Anthracene	17.415	178	1039521	21.090	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	284886	20.361	ng/uL#	87
76) Pentachlorobenzene	14.851	250	263001	20.717	ng/uL#	89
77) Carbazole	17.686	167	899940	20.775	ng/ul#	95
78) Di-n-butylphthalate	18.233	149	1118620	21.202	ng/ul#	94
80) Fluoranthene	19.286	202	1224114	20.930	ng/ul	98
82) Pyrene	19.639	202	1275941	20.906	ng/ul	96
83) Butylbenzylphthalate	20.509	149	523699	21.458	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	368558	19.350	ng/ul#	96
85) Benzo(a)anthracene	21.351	228	1235336	20.846	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	768644	21.463	ng/ul#	82
87) Chrysene	21.403	228	1223904	20.997	ng/ul	99
89) Di-n-octyl phthalate	22.203	149	1311791	20.648	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	1197174	21.208	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	1173644	21.876	ng/ul#	98
93) Benzo(a)pyrene	23.686	252	1123092	21.414	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	1073016	21.748	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.339	278	903306	21.100	ng/ul#	94
96) Benzo(g,h,i)perylene	27.097	276	900955	21.869	ng/ul#	90

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

Manual Integrations

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