

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010579.D
 Acq On : 27 May 2022 14:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

Quant Time: May 28 00:15:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2022
 Supervised By :mohammad ahmed 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	107042	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.681	136	477817	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	327552	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.263	188	751650	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	754373	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	653566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18545	7.385	ng/uL	0.00
4) Pyridine-d5	3.752	84	131517	18.444	ng/ul	0.00
7) Phenol-d5	7.046	99	159294	17.730	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	114202	18.919	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	127606	18.562	ng/ul	-0.01
15) 4-Methylphenol-d8	8.593	113	134971	17.677	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	69710	18.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	70545	18.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	130188	17.569	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	191763	17.404	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	454163	18.819	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	518812	18.638	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	65443	15.235	ng/ul	0.00
60) Fluorene-d10	15.504	176	393236	18.730	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	70077	15.941	ng/ul	0.00
73) Anthracene-d10	17.363	188	622883	18.301	ng/ul	0.00
81) Pyrene-d10	19.598	212	771172	19.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	631521	19.243	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	20237	7.779	ng/uL#	4
5) Pyridine	3.770	79	134194	18.109	ng/ul#	22
6) Benzaldehyde	7.022	77	96622	20.344	ng/ul	93
8) Phenol	7.075	94	172731	17.821	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.305	93	142556	18.706	ng/ul#	72
12) 2-Chlorophenol	7.446	128	131774	18.361	ng/ul	98
13) 2-Methylphenol	8.322	108	130303	18.009	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	251270	20.231	ng/ul#	80
16) Acetophenone	8.705	105	225817	18.824	ng/ul#	71
17) N-Nitroso-di-n-propyla...	8.687	70	122609	19.097	ng/ul#	65
18) 4-Methylphenol	8.652	108	137983	17.255	ng/ul	91
19) Hexachloroethane	8.957	117	60351	19.335	ng/ul#	79
22) Nitrobenzene	9.081	77	188358	19.382	ng/ul#	80
23) Isophorone	9.610	82	330928	18.424	ng/ul	98
25) 2-Nitrophenol	9.793	139	77414	17.990	ng/ul#	86
26) 2,4-Dimethylphenol	9.857	107	173409	18.572	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.093	93	194781	18.212	ng/ul#	96
29) 2,4-Dichlorophenol	10.328	162	135236	17.850	ng/ul#	82
30) Naphthalene	10.728	128	466446	18.690	ng/ul	97
32) 4-Chloroaniline	10.846	127	189214	17.304	ng/ul	99
33) Hexachlorobutadiene	11.022	225	100636	18.745	ng/ul	93
34) Caprolactam	11.616	113	45686m	17.279	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	163498m	18.447	ng/ul	
36) 2-Methylnaphthalene	12.340	142	324073	18.342	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	325168	18.228	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.710	216	182749	18.283	ng/ul#	94
40) Hexachlorocyclopentadiene	12.687	237	82425	15.167	ng/ul	93
41) 2,4,6-Trichlorophenol	12.951	196	110589	17.749	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.022	196	127437m	18.318	ng/ul	
43) 1,1'-Biphenyl	13.345	154	443416	18.443	ng/ul	94
44) 2-Chloronaphthalene	13.387	162	346554	18.662	ng/ul	93
45) 2-Nitroaniline	13.593	65	119353	19.529	ng/ul#	73
47) Dimethylphthalate	13.969	163	446193	18.639	ng/ul#	93
48) 2,6-Dinitrotoluene	14.087	165	93724	19.206	ng/ul	99
50) Acenaphthylene	14.234	152	560550	18.614	ng/ul	95
51) 3-Nitroaniline	14.422	138	80929	17.670	ng/ul#	83
52) Acenaphthene	14.575	153	364203	18.539	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	35769	13.129	ng/ul#	68
55) 4-Nitrophenol	14.728	109	64877	16.986	ng/ul#	51
56) Dibenzofuran	14.910	168	541988	18.826	ng/ul	95
57) 2,4-Dinitrotoluene	14.881	165	133814	19.049	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	15.140	232	108837	18.193	ng/ul#	82
59) Diethylphthalate	15.334	149	465688	19.065	ng/ul#	92
61) Fluorene	15.563	166	454283	19.295	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.557	204	229413	18.732	ng/ul	97
63) 4-Nitroaniline	15.581	138	77114	17.052	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.645	198	70260	16.027	ng/ul#	82
67) N-Nitrosodiphenylamine	15.769	169	382888	18.164	ng/ul	94
68) 4-Bromophenyl-phenylether	16.451	248	139217	17.984	ng/ul	98
69) Hexachlorobenzene	16.575	284	158602	17.812	ng/ul#	88
70) Atrazine	16.728	200	149150	17.662	ng/ul	92
71) Pentachlorophenol	16.916	266	89906m	16.092	ng/ul	
72) Phenanthrene	17.304	178	737817	18.393	ng/ul	98
74) Anthracene	17.398	178	734578	18.254	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	196357	17.189	ng/ul	89
76) Pentachlorobenzene	14.834	250	183715	17.726	ng/ul	91
77) Carbazole	17.669	167	633239	17.905	ng/ul#	95
78) Di-n-butylphthalate	18.222	149	805837	18.708	ng/ul#	94
80) Fluoranthene	19.275	202	907323	19.489	ng/ul#	95
82) Pyrene	19.622	202	953261	19.621	ng/ul	96
83) Butylbenzylphthalate	20.498	149	381800	19.652	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.269	252	262801	17.333	ng/ul#	96
85) Benzo(a)anthracene	21.333	228	890082	18.868	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.257	149	562999	19.748	ng/ul#	80
87) Chrysene	21.386	228	883447	19.039	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	966561	19.714	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	873650	20.055	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	782054	18.889	ng/ul#	97
93) Benzo(a)pyrene	23.663	252	782921	19.344	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	743861	19.536	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.304	278	615811	18.639	ng/ul#	94
96) Benzo(g,h,i)perylene	27.057	276	625732	19.681	ng/ul#	91

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

