

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
 Data File : BP010347.D
 Acq On : 13 May 2022 11:35
 Operator : CG/JU
 Sample : SSTD01039
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010639

Quant Time: May 13 13:35:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 13:33:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	133798	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	597787	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	426041	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	949840	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	981916	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	908913	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	12249	3.889	ng/uL	0.00
4) Pyridine-d5	3.770	84	74061	8.450	ng/u1	0.00
7) Phenol-d5	7.064	99	94642	7.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	68513	8.912	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	76592	8.369	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	81490	7.976	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	40861	8.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	41828	7.654	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	80945	8.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	118168	8.047	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	283556	8.354	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	324911	8.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	38726	5.948	ng/u1	0.00
60) Fluorene-d10	15.528	176	248853	8.686	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	37391	5.749	ng/u1	0.00
73) Anthracene-d10	17.381	188	393400	8.458	ng/u1	0.00
81) Pyrene-d10	19.610	212	472876	8.715	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	401483	8.283	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	11887	3.692	ng/uL#	1
5) Pyridine	3.787	79	81771	8.902	ng/u1#	27
6) Benzaldehyde	7.040	77	62199m	9.057	ng/u1	
8) Phenol	7.093	94	104752	8.361	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.322	93	86345	8.807	ng/u1#	72
12) 2-Chlorophenol	7.464	128	80859	8.797	ng/u1	96
13) 2-Methylphenol	8.346	108	75733	7.964	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	149312	9.682	ng/u1#	81
16) Acetophenone	8.722	105	136196	8.529	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.711	70	74031	8.874	ng/u1#	66
18) 4-Methylphenol	8.669	108	88424	8.499	ng/u1	96
19) Hexachloroethane	8.981	117	36849	9.403	ng/u1	82
22) Nitrobenzene	9.105	77	110857	9.111	ng/u1#	83
23) Isophorone	9.628	82	199493	8.372	ng/u1	98
25) 2-Nitrophenol	9.816	139	46578	8.297	ng/u1#	85
26) 2,4-Dimethylphenol	9.875	107	104033	8.678	ng/u1#	76
27) Bis(2-Chloroethoxy)met...	10.110	93	122674	8.772	ng/u1#	98
29) 2,4-Dichlorophenol	10.352	162	85116	8.760	ng/u1#	81
30) Naphthalene	10.752	128	287442	9.012	ng/u1	97
32) 4-Chloroaniline	10.863	127	118267	8.070	ng/u1	96
33) Hexachlorobutadiene	11.046	225	62387	9.375	ng/u1	92
34) Caprolactam	11.634	113	25449	6.874	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.987	107	100122	8.563	ng/u1#	72
36) 2-Methylnaphthalene	12.357	142	205505	9.100	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	204789	8.920	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.728	216	117686	8.986	ng/ul#	94
40) Hexachlorocyclopentadiene	12.710	237	47938	6.566	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	69973	8.146	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.040	196	78776	8.415	ng/ul#	84
43) 1,1'-Biphenyl	13.369	154	285627	8.975	ng/ul	96
44) 2-Chloronaphthalene	13.410	162	221358	8.980	ng/ul	93
45) 2-Nitroaniline	13.610	65	66370	7.953	ng/ul#	77
47) Dimethylphthalate	13.987	163	287893	8.742	ng/ul#	91
48) 2,6-Dinitrotoluene	14.104	165	53933	8.026	ng/ul	98
50) Acenaphthylene	14.251	152	353813	8.740	ng/ul	95
51) 3-Nitroaniline	14.434	138	47236	8.035	ng/ul#	88
52) Acenaphthene	14.598	153	234110	8.933	ng/ul	97
53) 2,4-Dinitrophenol	14.646	184	17818	4.052	ng/ul#	76
55) 4-Nitrophenol	14.740	109	38217	6.921	ng/ul#	43
56) Dibenzofuran	14.928	168	341429	8.904	ng/ul	96
57) 2,4-Dinitrotoluene	14.893	165	78719	8.007	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.157	232	68895	8.292	ng/ul#	85
59) Diethylphthalate	15.351	149	290044	8.532	ng/ul#	92
61) Fluorene	15.581	166	280935	8.845	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.575	204	149091	9.080	ng/ul	97
63) 4-Nitroaniline	15.598	138	47629m	8.199	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	39230	6.191	ng/ul#	82
67) N-Nitrosodiphenylamine	15.787	169	242012	8.668	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	87486	8.720	ng/ul	96
69) Hexachlorobenzene	16.592	284	104306	8.988	ng/ul#	88
70) Atrazine	16.740	200	90639m	8.035	ng/ul	
71) Pentachlorophenol	16.940	266	52194	6.776	ng/ul	86
72) Phenanthrene	17.322	178	465264	8.884	ng/ul	99
74) Anthracene	17.416	178	459589	8.653	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	129631	9.328	ng/uL#	85
76) Pentachlorobenzene	14.851	250	119373	8.984	ng/uL	93
77) Carbazole	17.687	167	384937m	8.032	ng/ul	
78) Di-n-butylphthalate	18.239	149	474094	7.828	ng/ul#	93
80) Fluoranthene	19.286	202	546004	8.850	ng/ul	97
82) Pyrene	19.639	202	588822	9.221	ng/ul	95
83) Butylbenzylphthalate	20.510	149	215581	7.927	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	169084	8.057	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	563221	8.774	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.275	149	319497	7.787	ng/ul#	82
87) Chrysene	21.398	228	553568	8.701	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	546998	8.940	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	546511	9.155	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	510711	9.067	ng/ul#	96
93) Benzo(a)pyrene	23.680	252	499163	8.632	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.316	276	452263	7.076	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.327	278	397639	7.276	ng/ul#	94
96) Benzo(g,h,i)perylene	27.092	276	386611	7.162	ng/ul#	90

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

