

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010529.D
 Acq On : 24 May 2022 23:04
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020668

Quant Time: May 25 01:23:23 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 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	167197	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	760431	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.516	164	526682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1154953	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	1061897	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	825786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	27386	6.982	ng/uL	0.00
4) Pyridine-d5	3.752	84	212106	19.044	ng/ul	0.00
7) Phenol-d5	7.052	99	274180	19.538	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	184401	19.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	220041	20.492	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	235261	19.727	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	117650	19.991	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	126103	20.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	237871	20.170	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	333886	19.041	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	744453	19.185	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	886949	19.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	119676m	17.327	ng/ul	0.00
60) Fluorene-d10	15.510	176	656330	19.442	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	106725	15.800	ng/ul	0.00
73) Anthracene-d10	17.369	188	1030865	19.711	ng/ul	0.00
81) Pyrene-d10	19.598	212	1231110	21.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	824842	19.892	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	28973	7.130	ng/uL#	19
5) Pyridine	3.775	79	219445	18.959	ng/ul#	33
6) Benzaldehyde	7.028	77	169503	22.849	ng/ul	95
8) Phenol	7.075	94	295789	19.538	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.304	93	231508	19.449	ng/ul#	72
12) 2-Chlorophenol	7.452	128	223263	19.916	ng/ul	94
13) 2-Methylphenol	8.328	108	224064	19.826	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	395998	20.413	ng/ul#	81
16) Acetophenone	8.710	105	370093	19.751	ng/ul#	75
17) N-Nitroso-di-n-propyla...	8.693	70	201596	20.103	ng/ul#	69
18) 4-Methylphenol	8.657	108	249550	19.979	ng/ul	94
19) Hexachloroethane	8.963	117	93626	19.204	ng/ul#	81
22) Nitrobenzene	9.087	77	306323	19.806	ng/ul#	82
23) Isophorone	9.616	82	558199	19.527	ng/ul#	97
25) 2-Nitrophenol	9.798	139	138628	20.243	ng/ul#	87
26) 2,4-Dimethylphenol	9.863	107	292664m	19.695	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.093	93	327187	19.223	ng/ul#	98
29) 2,4-Dichlorophenol	10.334	162	241971m	20.068	ng/ul	
30) Naphthalene	10.734	128	779301	19.621	ng/ul	96
32) 4-Chloroaniline	10.845	127	332883	19.129	ng/ul	97
33) Hexachlorobutadiene	11.022	225	165289	19.346	ng/ul	96
34) Caprolactam	11.622	113	80562	19.145	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.975	107	280747	19.904	ng/ul#	69
36) 2-Methylnaphthalene	12.345	142	547240	19.462	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	556476	19.601	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.716	216	312026	19.414	ng/ul#	92
40) Hexachlorocyclopentadiene	12.692	237	112530	12.878	ng/ul	94
41) 2,4,6-Trichlorophenol	12.951	196	200435	20.006	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.028	196	220394	19.702	ng/ul#	86
43) 1,1'-Biphenyl	13.351	154	755349	19.539	ng/ul#	94
44) 2-Chloronaphthalene	13.392	162	585452	19.607	ng/ul	95
45) 2-Nitroaniline	13.598	65	208416m	21.209	ng/ul	
47) Dimethylphthalate	13.975	163	736469	19.133	ng/ul#	92
48) 2,6-Dinitrotoluene	14.092	165	156484	19.943	ng/ul	99
50) Acenaphthylene	14.239	152	954690	19.717	ng/ul	95
51) 3-Nitroaniline	14.422	138	145887	19.810	ng/ul#	84
52) Acenaphthene	14.581	153	616987	19.533	ng/ul	95
53) 2,4-Dinitrophenol	14.634	184	54513	12.444	ng/ul#	77
55) 4-Nitrophenol	14.733	109	108197	17.617	ng/ul#	50
56) Dibenzofuran	14.916	168	899008	19.421	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	226994	20.096	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.145	232	188942	19.642	ng/ul#	86
59) Diethylphthalate	15.339	149	751732	19.140	ng/ul	93
61) Fluorene	15.563	166	741329	19.583	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.557	204	379454	19.269	ng/ul	96
63) 4-Nitroaniline	15.586	138	144567	19.881	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.645	198	107077	15.896	ng/ul#	83
67) N-Nitrosodiphenylamine	15.775	169	630109	19.454	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	227172	19.099	ng/ul	94
69) Hexachlorobenzene	16.580	284	265090	19.376	ng/ul#	89
70) Atrazine	16.727	200	239978	18.495	ng/ul#	90
71) Pentachlorophenol	16.922	266	148289	17.274	ng/ul	86
72) Phenanthrene	17.310	178	1205349	19.555	ng/ul	99
74) Anthracene	17.404	178	1209102	19.554	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	332642	18.952	ng/uL#	87
76) Pentachlorobenzene	14.839	250	309493	19.434	ng/uL	88
77) Carbazole	17.675	167	1058451	19.477	ng/ul#	96
78) Di-n-butylphthalate	18.222	149	1314696	19.864	ng/ul#	93
80) Fluoranthene	19.274	202	1438485	21.950	ng/ul	97
82) Pyrene	19.627	202	1482138	21.672	ng/ul	96
83) Butylbenzylphthalate	20.498	149	612060	22.381	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.268	252	386490	18.109	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	1319887	19.877	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	869396	21.664	ng/ul#	80
87) Chrysene	21.386	228	1279637	19.591	ng/ul	98
89) Di-n-octyl phthalate	22.186	149	1467710	23.692	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1135589	20.632	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	1043232	19.942	ng/ul#	97
93) Benzo(a)pyrene	23.662	252	1008236	19.716	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	990068	20.580	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.303	278	825562	19.777	ng/ul#	94
96) Benzo(g,h,i)perylene	27.068	276	856898	21.331	ng/ul#	92

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

