

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010428.D
 Acq On : 20 May 2022 09:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020660

Quant Time: May 20 23:01:19 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 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	143795	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	645233	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	446585	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.275	188	1001643	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	998508	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	895868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26323m	7.803	ng/uL	0.00
4) Pyridine-d5	3.758	84	173585	18.122	ng/u1	0.00
7) Phenol-d5	7.058	99	225912	18.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	158862	19.591	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	182147	19.723	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	194651	18.978	ng/u1	-0.01
21) Nitrobenzene-d5	9.052	128	98346	19.694	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	105705	19.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	194726	19.460	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	279109	18.759	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	648044	19.696	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	758964	19.998	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	101987	17.414	ng/u1	0.00
60) Fluorene-d10	15.516	176	568373	19.856	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	104510	17.841	ng/u1	0.00
73) Anthracene-d10	17.375	188	889760	19.617	ng/u1	0.00
81) Pyrene-d10	19.610	212	1063824	20.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	884089	19.653	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	27193m	7.781	ng/uL	
5) Pyridine	3.775	79	182620	18.345	ng/u1#	27
6) Benzaldehyde	7.034	77	144227m	22.606	ng/u1	
8) Phenol	7.081	94	244283m	18.762	ng/u1	
10) Bis(2-Chloroethyl)ether	7.316	93	197615	19.304	ng/u1#	77
12) 2-Chlorophenol	7.458	128	188612	19.563	ng/u1	94
13) 2-Methylphenol	8.334	108	187469	19.287	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	341092	20.444	ng/u1#	81
16) Acetophenone	8.716	105	315952	19.606	ng/u1#	73
17) N-Nitroso-di-n-propyla...	8.699	70	174634	20.248	ng/u1#	67
18) 4-Methylphenol	8.663	108	207325	19.299	ng/u1	91
19) Hexachloroethane	8.969	117	84603	20.177	ng/u1#	77
22) Nitrobenzene	9.093	77	260280	19.834	ng/u1#	81
23) Isophorone	9.622	82	478777	19.739	ng/u1	97
25) 2-Nitrophenol	9.805	139	114599	19.722	ng/u1#	86
26) 2,4-Dimethylphenol	9.869	107	249736	19.807	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.105	93	281404	19.485	ng/u1#	96
29) 2,4-Dichlorophenol	10.340	162	199722	19.521	ng/u1#	84
30) Naphthalene	10.740	128	655427	19.448	ng/u1	97
32) 4-Chloroaniline	10.852	127	283515	19.201	ng/u1	99
33) Hexachlorobutadiene	11.034	225	142404	19.643	ng/u1	96
34) Caprolactam	11.628	113	66650	18.667	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.981	107	238873	19.959	ng/u1#	72
36) 2-Methylnaphthalene	12.351	142	464808	19.482	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	469253	19.479	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	267578	19.634	ng/ul#	96
40) Hexachlorocyclopentadiene	12.704	237	138183	18.650	ng/ul	93
41) 2,4,6-Trichlorophenol	12.963	196	170170	20.032	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.034	196	186840	19.698	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	652240	19.898	ng/ul#	94
44) 2-Chloronaphthalene	13.398	162	501995	19.828	ng/ul	95
45) 2-Nitroaniline	13.604	65	172503	20.703	ng/ul#	75
47) Dimethylphthalate	13.981	163	644133	19.736	ng/ul#	93
48) 2,6-Dinitrotoluene	14.098	165	133919	20.129	ng/ul	97
50) Acenaphthylene	14.245	152	820816	19.992	ng/ul	95
51) 3-Nitroaniline	14.428	138	117777	18.861	ng/ul#	83
52) Acenaphthene	14.587	153	524373	19.578	ng/ul	96
53) 2,4-Dinitrophenol	14.640	184	53105	14.297	ng/ul#	77
55) 4-Nitrophenol	14.734	109	94431	18.134	ng/ul#	46
56) Dibenzofuran	14.922	168	782883	19.945	ng/ul	96
57) 2,4-Dinitrotoluene	14.887	165	193653	20.219	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.151	232	160877	19.724	ng/ul#	86
59) Diethylphthalate	15.345	149	657412	19.740	ng/ul	93
61) Fluorene	15.575	166	641338	19.980	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	332420	19.908	ng/ul	98
63) 4-Nitroaniline	15.592	138	116589	18.910	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.657	198	103158	17.658	ng/ul#	92
67) N-Nitrosodiphenylamine	15.781	169	553638	19.709	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	200093	19.397	ng/ul	95
69) Hexachlorobenzene	16.587	284	231529	19.513	ng/ul#	89
70) Atrazine	16.739	200	209654	18.631	ng/ul#	88
71) Pentachlorophenol	16.928	266	127738	17.157	ng/ul#	83
72) Phenanthrene	17.322	178	1038374	19.425	ng/ul	98
74) Anthracene	17.410	178	1045578	19.497	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	282281	18.544	ng/uL#	84
76) Pentachlorobenzene	14.845	250	272706	19.745	ng/uL	91
77) Carbazole	17.681	167	900578	19.109	ng/ul#	96
78) Di-n-butylphthalate	18.234	149	1134790	19.770	ng/ul#	92
80) Fluoranthene	19.286	202	1248958	20.268	ng/ul	96
82) Pyrene	19.639	202	1293715	20.117	ng/ul#	94
83) Butylbenzylphthalate	20.510	149	521648	20.286	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.275	252	386556	19.262	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	1231768	19.727	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.269	149	788565	20.897	ng/ul#	80
87) Chrysene	21.398	228	1200721	19.550	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1313723	19.548	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1163449	19.484	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	1146423	20.201	ng/ul#	98
93) Benzo(a)pyrene	23.680	252	1090275	19.652	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.310	276	1009925	19.350	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.327	278	862491	19.045	ng/ul#	94
96) Benzo(g,h,i)perylene	27.086	276	859489	19.722	ng/ul#	90

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

