

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010440.D
 Acq On : 20 May 2022 18:02
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: May 21 00:37:53 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	7.892	152	146532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	656926	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	454006	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.274	188	1000329	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.356	240	1005857	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	915472	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26395	7.678	ng/uL	0.00
4) Pyridine-d5	3.757	84	175507	17.980	ng/ul	0.00
7) Phenol-d5	7.057	99	231387	18.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	164479	19.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	185168	19.676	ng/ul	-0.01
15) 4-Methylphenol-d8	8.598	113	201418	19.271	ng/ul	-0.01
21) Nitrobenzene-d5	9.051	128	101476	19.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	108103	20.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	201207	19.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	284905	18.808	ng/ul	-0.01
46) Dimethylphthalate-d6	13.933	166	650791	19.456	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	763850	19.797	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	102367	17.194	ng/ul	0.00
60) Fluorene-d10	15.516	176	564108	19.385	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	102288	17.484	ng/ul	0.00
73) Anthracene-d10	17.374	188	884589	19.529	ng/ul	0.00
81) Pyrene-d10	19.604	212	1056602	19.780	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	916982	19.948	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	28289	7.944	ng/uL#	8
5) Pyridine	3.775	79	185636	18.300	ng/ul#	32
6) Benzaldehyde	7.034	77	143068	22.005	ng/ul	94
8) Phenol	7.081	94	254723	19.198	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.310	93	202598	19.421	ng/ul#	74
12) 2-Chlorophenol	7.457	128	194098	19.756	ng/ul	96
13) 2-Methylphenol	8.334	108	193891	19.575	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	342379	20.138	ng/ul#	83
16) Acetophenone	8.716	105	322750	19.654	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.698	70	180612	20.550	ng/ul#	71
18) 4-Methylphenol	8.663	108	211462	19.317	ng/ul	93
19) Hexachloroethane	8.969	117	83497	19.541	ng/ul#	79
22) Nitrobenzene	9.092	77	260332	19.485	ng/ul#	85
23) Isophorone	9.622	82	488739	19.791	ng/ul	97
25) 2-Nitrophenol	9.804	139	114428	19.342	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	252970	19.706	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.104	93	285166	19.394	ng/ul#	97
29) 2,4-Dichlorophenol	10.339	162	202042	19.397	ng/ul#	83
30) Naphthalene	10.739	128	664522	19.367	ng/ul	97
32) 4-Chloroaniline	10.851	127	287854	19.148	ng/ul	98
33) Hexachlorobutadiene	11.033	225	141379	19.154	ng/ul	97
34) Caprolactam	11.622	113	69088m	19.005	ng/ul	
35) 4-Chloro-3-methylphenol	11.980	107	238387	19.564	ng/ul#	71
36) 2-Methylnaphthalene	12.351	142	471370	19.405	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	478025	19.490	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.722	216	269215	19.431	ng/ul	94
40) Hexachlorocyclopentadiene	12.704	237	138668	18.410	ng/ul	91
41) 2,4,6-Trichlorophenol	12.957	196	170930	19.792	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.033	196	189412	19.643	ng/ul#	86
43) 1,1'-Biphenyl	13.357	154	657122	19.719	ng/ul#	94
44) 2-Chloronaphthalene	13.398	162	506013	19.660	ng/ul	93
45) 2-Nitroaniline	13.604	65	173473	20.479	ng/ul#	76
47) Dimethylphthalate	13.980	163	643750	19.402	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	135560	20.042	ng/ul	97
50) Acenaphthylene	14.245	152	815843	19.546	ng/ul	95
51) 3-Nitroaniline	14.427	138	118960	18.739	ng/ul#	82
52) Acenaphthene	14.586	153	524652	19.268	ng/ul	95
53) 2,4-Dinitrophenol	14.639	184	53446	14.153	ng/ul#	78
55) 4-Nitrophenol	14.733	109	95798	18.096	ng/ul#	47
56) Dibenzofuran	14.921	168	781127	19.575	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	193565	19.880	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.151	232	159476	19.233	ng/ul#	89
59) Diethylphthalate	15.345	149	660241	19.501	ng/ul	93
61) Fluorene	15.574	166	640329	19.622	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.569	204	328156	19.332	ng/ul	98
63) 4-Nitroaniline	15.592	138	122878	19.604	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.651	198	103409	17.724	ng/ul#	87
67) N-Nitrosodiphenylamine	15.780	169	551221	19.649	ng/ul	96
68) 4-Bromophenyl-phenylether	16.463	248	201156	19.526	ng/ul	96
69) Hexachlorobenzene	16.586	284	227734	19.218	ng/ul#	88
70) Atrazine	16.733	200	210467	18.728	ng/ul	90
71) Pentachlorophenol	16.927	266	129707	17.445	ng/ul#	84
72) Phenanthrene	17.315	178	1033776	19.364	ng/ul	99
74) Anthracene	17.410	178	1039721	19.414	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	284828	18.736	ng/uL#	87
76) Pentachlorobenzene	14.845	250	268852	19.491	ng/uL	90
77) Carbazole	17.680	167	899947	19.121	ng/ul#	96
78) Di-n-butylphthalate	18.227	149	1130791	19.726	ng/ul#	93
80) Fluoranthene	19.280	202	1248770	20.117	ng/ul	98
82) Pyrene	19.633	202	1289775	19.910	ng/ul	96
83) Butylbenzylphthalate	20.504	149	530682	20.486	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.274	252	385974	19.092	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1224579	19.469	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.268	149	780215	20.525	ng/ul#	81
87) Chrysene	21.398	228	1222919	19.766	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	1322407	19.255	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1232423	20.197	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1122774	19.360	ng/ul#	96
93) Benzo(a)pyrene	23.674	252	1119970	19.755	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.309	276	1060240	19.879	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.327	278	893274	19.302	ng/ul#	95
96) Benzo(g,h,i)perylene	27.080	276	884941	19.871	ng/ul#	93

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

