

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010426.D
 Acq On : 20 May 2022 05:39
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020659

Quant Time: May 20 06:19:32 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 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	171298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	754496	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	513869	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.275	188	1099850	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	1095687	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	964930	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	31104	7.740	ng/uL	0.00
4) Pyridine-d5	3.758	84	225567	19.768	ng/u1	0.00
7) Phenol-d5	7.058	99	294993	20.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	205407	21.264	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	232994	21.178	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	249344	20.407	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	124727	21.360	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	134477	21.731	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	243104	20.776	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	350095	20.123	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	783826	20.703	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	925066	21.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	131653m	19.537	ng/u1	0.00
60) Fluorene-d10	15.516	176	677713	20.576	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	129065	20.065	ng/u1	0.00
73) Anthracene-d10	17.375	188	1048778	21.059	ng/u1	0.00
81) Pyrene-d10	19.610	212	1245762	21.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	1043028	21.527	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	32846	7.890	ng/uL#	9
5) Pyridine	3.775	79	236162	19.914	ng/u1#	29
6) Benzaldehyde	7.028	77	189391m	24.918	ng/u1	
8) Phenol	7.081	94	318739	20.550	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.316	93	254871	20.899	ng/u1#	73
12) 2-Chlorophenol	7.458	128	239695	20.870	ng/u1	98
13) 2-Methylphenol	8.334	108	239407	20.676	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.422	45	422151	21.240	ng/u1#	83
16) Acetophenone	8.716	105	405377	21.116	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.705	70	220107	21.423	ng/u1#	72
18) 4-Methylphenol	8.663	108	261551	20.438	ng/u1	89
19) Hexachloroethane	8.975	117	103500	20.721	ng/u1#	81
22) Nitrobenzene	9.093	77	322906	21.043	ng/u1#	83
23) Isophorone	9.622	82	594624	20.965	ng/u1	97
25) 2-Nitrophenol	9.805	139	145898m	21.472	ng/u1	
26) 2,4-Dimethylphenol	9.869	107	310783m	21.079	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.105	93	354363	20.983	ng/u1#	97
29) 2,4-Dichlorophenol	10.340	162	252104m	21.073	ng/u1	
30) Naphthalene	10.746	128	819394	20.792	ng/u1	96
32) 4-Chloroaniline	10.852	127	350179	20.281	ng/u1	99
33) Hexachlorobutadiene	11.034	225	176554	20.827	ng/u1	96
34) Caprolactam	11.628	113	84499m	20.239	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	292614	20.909	ng/u1#	69
36) 2-Methylnaphthalene	12.352	142	575701	20.635	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	580568	20.610	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.722	216	325162	20.735	ng/ul	92
40) Hexachlorocyclopentadiene	12.704	237	176338	20.684	ng/ul	93
41) 2,4,6-Trichlorophenol	12.957	196	205053	20.977	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.034	196	235283m	21.557	ng/ul	
43) 1,1'-Biphenyl	13.357	154	790647	20.962	ng/ul#	93
44) 2-Chloronaphthalene	13.399	162	615701	21.135	ng/ul	93
45) 2-Nitroaniline	13.604	65	209141	21.813	ng/ul#	78
47) Dimethylphthalate	13.981	163	770256	20.510	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	162915	21.281	ng/ul	95
50) Acenaphthylene	14.246	152	993179	21.023	ng/ul	96
51) 3-Nitroaniline	14.428	138	150233	20.909	ng/ul#	86
52) Acenaphthene	14.587	153	637695	20.692	ng/ul	96
53) 2,4-Dinitrophenol	14.640	184	72167	16.885	ng/ul#	79
55) 4-Nitrophenol	14.734	109	117706	19.644	ng/ul#	45
56) Dibenzofuran	14.922	168	932820	20.653	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	237045	21.509	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.151	232	194256	20.698	ng/ul#	88
59) Diethylphthalate	15.345	149	787563	20.552	ng/ul	93
61) Fluorene	15.575	166	769956	20.846	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	391224	20.362	ng/ul	97
63) 4-Nitroaniline	15.593	138	151751m	21.390	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	130142	20.288	ng/ul#	87
67) N-Nitrosodiphenylamine	15.781	169	656625	21.288	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	238249	21.034	ng/ul	95
69) Hexachlorobenzene	16.587	284	271903	20.869	ng/ul#	90
70) Atrazine	16.740	200	253119	20.485	ng/ul#	89
71) Pentachlorophenol	16.928	266	158515	19.390	ng/ul#	84
72) Phenanthrene	17.322	178	1229486	20.946	ng/ul	99
74) Anthracene	17.410	178	1236044	20.991	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	350515	20.970	ng/uL#	83
76) Pentachlorobenzene	14.845	250	321959	21.229	ng/uL	91
77) Carbazole	17.681	167	1078806	20.847	ng/ul#	96
78) Di-n-butylphthalate	18.234	149	1370981	21.752	ng/ul#	93
80) Fluoranthene	19.286	202	1480107	21.888	ng/ul	96
82) Pyrene	19.639	202	1516261	21.487	ng/ul	96
83) Butylbenzylphthalate	20.504	149	635355	22.516	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	449975	20.433	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	1432373	20.905	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	936182	22.609	ng/ul#	82
87) Chrysene	21.398	228	1423120	21.116	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	1592442	21.999	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1368320	21.275	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1318829	21.575	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	1274543	21.329	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	1181943	21.025	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.327	278	1009077	20.687	ng/ul#	95
96) Benzo(g,h,i)perylene	27.092	276	995521	21.208	ng/ul#	91

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

