

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010480.D
 Acq On : 23 May 2022 17:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Quant Time: May 23 23:19:56 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 05/24/2022
 Supervised By :Yogesh Patel 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	174119	20.000	ng/u1	0.00
20) Naphthalene-d8	10.692	136	770724	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.522	164	510750	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.274	188	1093397	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	979993	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	775541	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	29574m	7.240	ng/uL	0.00
4) Pyridine-d5	3.757	84	209949	18.101	ng/u1	0.00
7) Phenol-d5	7.057	99	283334	19.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	191657	19.519	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	224892	20.111	ng/u1	-0.01
15) 4-Methylphenol-d8	8.598	113	240132	19.335	ng/u1	-0.01
21) Nitrobenzene-d5	9.051	128	119652	20.059	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	132352	20.937	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	237164	19.842	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	335540	18.880	ng/u1	-0.01
46) Dimethylphthalate-d6	13.933	166	720600	19.149	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	872130	20.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	115630	17.264	ng/u1	0.00
60) Fluorene-d10	15.516	176	635406	19.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	112139	17.536	ng/u1	0.00
73) Anthracene-d10	17.374	188	968047	19.552	ng/u1	0.00
81) Pyrene-d10	19.604	212	1123294	21.583	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.621	264	775477	19.913	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	32060	7.576	ng/uL#	14
5) Pyridine	3.775	79	222111	18.426	ng/u1#	34
6) Benzaldehyde	7.028	77	173143	22.412	ng/u1	95
8) Phenol	7.081	94	306488	19.440	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.310	93	237873	19.189	ng/u1#	71
12) 2-Chlorophenol	7.451	128	231525	19.832	ng/u1	95
13) 2-Methylphenol	8.334	108	230761	19.606	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	409410	20.265	ng/u1#	82
16) Acetophenone	8.710	105	381216	19.536	ng/u1#	74
17) N-Nitroso-di-n-propyla...	8.698	70	208514	19.966	ng/u1#	68
18) 4-Methylphenol	8.663	108	252160	19.385	ng/u1	92
19) Hexachloroethane	8.969	117	100609	19.815	ng/u1	81
22) Nitrobenzene	9.092	77	311124	19.848	ng/u1#	83
23) Isophorone	9.622	82	573730	19.802	ng/u1#	96
25) 2-Nitrophenol	9.804	139	139201	20.055	ng/u1#	85
26) 2,4-Dimethylphenol	9.863	107	294064	19.525	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.098	93	340549	19.741	ng/u1#	96
29) 2,4-Dichlorophenol	10.339	162	240686	19.695	ng/u1#	83
30) Naphthalene	10.739	128	787134	19.553	ng/u1	97
32) 4-Chloroaniline	10.851	127	332248	18.837	ng/u1	98
33) Hexachlorobutadiene	11.034	225	166573	19.236	ng/u1	92
34) Caprolactam	11.622	113	80320m	18.833	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	281249m	19.673	ng/u1	
36) 2-Methylnaphthalene	12.351	142	547224	19.202	ng/u1	91

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	550070	19.116	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.722	216	308998	19.825	ng/ul	94
40) Hexachlorocyclopentadiene	12.698	237	130296	15.376	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	199558	20.540	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.033	196	221945m	20.459	ng/ul	
43) 1,1'-Biphenyl	13.357	154	744223	19.852	ng/ul#	92
44) 2-Chloronaphthalene	13.398	162	580453	20.046	ng/ul	94
45) 2-Nitroaniline	13.604	65	204711	21.482	ng/ul#	77
47) Dimethylphthalate	13.980	163	718027	19.236	ng/ul#	93
48) 2,6-Dinitrotoluene	14.098	165	154856	20.351	ng/ul	97
50) Acenaphthylene	14.245	152	933965	19.890	ng/ul	95
51) 3-Nitroaniline	14.427	138	142975	20.020	ng/ul#	85
52) Acenaphthene	14.586	153	600962	19.619	ng/ul	96
53) 2,4-Dinitrophenol	14.639	184	61677	14.518	ng/ul#	77
55) 4-Nitrophenol	14.733	109	101263	17.003	ng/ul#	41
56) Dibenzofuran	14.922	168	878027	19.559	ng/ul	100
57) 2,4-Dinitrotoluene	14.886	165	220421	20.123	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.151	232	183386m	19.659	ng/ul	
59) Diethylphthalate	15.345	149	727400	19.098	ng/ul	93
61) Fluorene	15.569	166	717792	19.552	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	367145	19.226	ng/ul	96
63) 4-Nitroaniline	15.592	138	145880m	20.688	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	110519	17.331	ng/ul#	84
67) N-Nitrosodiphenylamine	15.780	169	607936	19.826	ng/ul	94
68) 4-Bromophenyl-phenylether	16.463	248	218338	19.390	ng/ul	94
69) Hexachlorobenzene	16.586	284	251103	19.386	ng/ul#	90
70) Atrazine	16.733	200	233529	19.011	ng/ul	91
71) Pentachlorophenol	16.927	266	146527	18.029	ng/ul#	83
72) Phenanthrene	17.316	178	1131391	19.389	ng/ul	99
74) Anthracene	17.410	178	1146739	19.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	326901	19.673	ng/ul#	85
76) Pentachlorobenzene	14.845	250	301527	20.000	ng/ul	91
77) Carbazole	17.680	167	990448	19.252	ng/ul#	96
78) Di-n-butylphthalate	18.227	149	1253056	19.998	ng/ul#	93
80) Fluoranthene	19.280	202	1333830	22.054	ng/ul	97
82) Pyrene	19.633	202	1371106	21.724	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	580012	22.982	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.268	252	380760	19.331	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1231312	20.093	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.262	149	838364	22.637	ng/ul#	82
87) Chrysene	21.392	228	1188754	19.721	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1412666	24.281	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1053075	20.372	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	993454	20.221	ng/ul#	98
93) Benzo(a)pyrene	23.668	252	942423	19.623	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.297	276	909158	20.122	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.315	278	769665	19.632	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	775886	20.566	ng/ul#	89

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

