

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
 Data File : BG061975.D
 Acq On : 9 Jul 2024 15:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020562

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 17:23:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	39470	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	204542	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	158284	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	379539	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	341698	20.000	ng/u1	# 0.00
88) Perylene-d12	24.962	264	406716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	7536	7.175	ng/uL	0.00
4) Pyridine-d5	3.898	84	56991	17.647	ng/u1	0.00
7) Phenol-d5	7.247	99	79990	18.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	48738	17.818	ng/u1	0.00
11) 2-Chlorophenol-d4	7.623	132	57875	19.533	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	68131	20.033	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	32555	20.927	ng/u1	0.00
24) 2-Nitrophenol-d4	9.979	143	37622	21.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	71156	20.766	ng/u1	0.00
31) 4-Chloroaniline-d4	11.043	131	100515	20.205	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	249502	19.173	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	279779	20.561	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	39670	19.089	ng/u1	0.00
60) Fluorene-d10	15.708	176	218623	19.957	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	42069	21.105	ng/u1	0.00
73) Anthracene-d10	17.559	188	352737	19.906	ng/u1	0.00
81) Pyrene-d10	19.838	212	376925	18.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.733	264	402916	19.975	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	7823	6.748	ng/uL	86
5) Pyridine	3.928	79	59411	17.938	ng/u1	96
6) Benzaldehyde	7.230	77	51332	22.454	ng/u1	88
8) Phenol	7.271	94	81910	18.522	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.512	93	60986	17.951	ng/u1	97
12) 2-Chlorophenol	7.659	128	61333	20.318	ng/u1	97
13) 2-Methylphenol	8.534	108	60354	19.121	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	134616	18.137	ng/u1#	96
16) Acetophenone	8.916	105	107976	19.220	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.898	70	58499	18.600	ng/u1	94
18) 4-Methylphenol	8.863	108	66988	18.951	ng/u1	97
19) Hexachloroethane	9.180	117	26184	19.996	ng/u1#	88
22) Nitrobenzene	9.304	77	87969	19.922	ng/u1	97
23) Isophorone	9.821	82	173188	17.360	ng/u1#	96
25) 2-Nitrophenol	10.015	139	34692	19.149	ng/u1#	82
26) 2,4-Dimethylphenol	10.067	107	88467	20.404	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.302	93	96628	17.589	ng/u1	96
29) 2,4-Dichlorophenol	10.549	162	67926	21.104	ng/u1	93
30) Naphthalene	10.961	128	223663	19.907	ng/u1	99
32) 4-Chloroaniline	11.066	127	96027	19.672	ng/u1	100
33) Hexachlorobutadiene	11.231	225	53767	22.198	ng/u1	95
34) Caprolactam	11.812	113	24081	19.096	ng/u1	96
35) 4-Chloro-3-methylphenol	12.177	107	89580	20.897	ng/u1	89
36) 2-Methylnaphthalene	12.553	142	171685	21.092	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.770	142	172473	20.389	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.911	216	101475	21.348	ng/ul	97
40) Hexachlorocyclopentadiene	12.894	237	49723	15.714	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.152	196	64201	20.335	ng/ul	94
42) 2,4,5-Trichlorophenol	13.228	196	71633	20.655	ng/ul	97
43) 1,1'-Biphenyl	13.557	154	232514	19.065	ng/ul	98
44) 2-Chloronaphthalene	13.605	162	186267	20.350	ng/ul	98
45) 2-Nitroaniline	13.798	65	79429	21.670	ng/ul	93
47) Dimethylphthalate	14.169	163	242291	19.358	ng/ul	98
48) 2,6-Dinitrotoluene	14.292	165	53707	22.618	ng/ul	97
50) Acenaphthylene	14.445	152	300047	20.091	ng/ul	98
51) 3-Nitroaniline	14.621	138	48858	21.138	ng/ul	94
52) Acenaphthene	14.780	153	204248	19.806	ng/ul	95
53) 2,4-Dinitrophenol	14.821	184	24532	19.775	ng/ul	93
55) 4-Nitrophenol	14.926	109	51274	21.618	ng/ul	91
56) Dibenzofuran	15.115	168	292965	20.101	ng/ul	98
57) 2,4-Dinitrotoluene	15.073	165	79562	22.848	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.338	232	64340	20.545	ng/ul#	95
59) Diethylphthalate	15.520	149	258316	19.152	ng/ul#	97
61) Fluorene	15.761	166	244599	19.734	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.749	204	126362	20.296	ng/ul	97
63) 4-Nitroaniline	15.778	138	50903	21.704	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.837	198	46716	21.777	ng/ul#	96
67) N-Nitrosodiphenylamine	15.966	169	203200	19.605	ng/ul	97
68) 4-Bromophenyl-phenylether	16.648	248	91879	21.339	ng/ul	95
69) Hexachlorobenzene	16.760	284	106824	21.576	ng/ul#	92
70) Atrazine	16.907	200	85710	20.948	ng/ul	94
71) Pentachlorophenol	17.100	266	48633	17.870	ng/ul#	90
72) Phenanthrene	17.500	178	398199	19.898	ng/ul	99
74) Anthracene	17.594	178	402645	19.469	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.516	216	99853	21.183	ng/ul	97
76) Pentachlorobenzene	15.032	250	116065	21.588	ng/ul	96
77) Carbazole	17.858	167	341890	19.643	ng/ul	97
78) Di-n-butylphthalate	18.405	149	428640	19.182	ng/ul	100
80) Fluoranthene	19.503	202	447015	18.794	ng/ul#	95
82) Pyrene	19.868	202	466700	18.995	ng/ul	96
83) Butylbenzylphthalate	20.743	149	180898	17.544	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.613	252	180512	22.206	ng/ul	92
85) Benzo(a)anthracene	21.701	228	488035	19.726	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.595	149	271200	18.329	ng/ul	94
87) Chrysene	21.766	228	450168	19.437	ng/ul	98
89) Di-n-octyl phthalate	22.811	149	467126	18.800	ng/ul	100
90) Benzo(b)fluoranthene	23.922	252	495939	19.354	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	508912	19.916	ng/ul	98
93) Benzo(a)pyrene	24.803	252	480391	19.798	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.640	276	615622m	19.853	ng/ul	
95) Dibenzo(a,h)anthracene	28.716	278	507590	19.820	ng/ul	98
96) Benzo(g,h,i)perylene	29.809	276	481157m	19.505	ng/ul	

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

