

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061502.D
 Acq On : 6 Jun 2024 2:11
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020518

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 06 03:25:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	34802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.671	136	136149	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.514	164	102172	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	249189	20.000	ng/u1	0.00
79) Chrysene-d12	21.523	240	266160	20.000	ng/u1	0.01
88) Perylene-d12	24.614	264	252592	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	5136	8.259	ng/uL	0.00
4) Pyridine-d5	3.744	84	36805	16.636	ng/u1	0.00
7) Phenol-d5	7.064	99	53302	18.650	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	31355	17.455	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	42342	20.019	ng/u1	0.00
15) 4-Methylphenol-d8	8.603	113	46023	18.885	ng/u1	0.01
21) Nitrobenzene-d5	9.032	128	22608	21.567	ng/u1	0.00
24) 2-Nitrophenol-d4	9.755	143	25106	20.464	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	53364	22.312	ng/u1	0.00
31) 4-Chloroaniline-d4	10.806	131	60050	19.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	160957	20.312	ng/u1	0.00
49) Acenaphthylene-d8	14.202	160	162947	19.779	ng/u1	0.00
54) 4-Nitrophenol-d4	14.760	143	14563	14.865	ng/u1	0.02
60) Fluorene-d10	15.507	176	144564	21.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.653	200	25808	17.124	ng/u1	0.02
73) Anthracene-d10	17.363	188	231268	21.051	ng/u1	0.00
81) Pyrene-d10	19.655	212	275037	20.125	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.402	264	264412	21.774	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.362	88	5045	6.759	ng/uL	89
5) Pyridine	3.762	79	37838	17.292	ng/u1	88
6) Benzaldehyde	7.017	77	25836	17.289	ng/u1#	83
8) Phenol	7.093	94	54765	18.807	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.299	93	41484	19.476	ng/u1	91
12) 2-Chlorophenol	7.445	128	44723	20.008	ng/u1	95
13) 2-Methylphenol	8.333	108	42439	18.805	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.403	45	93755	16.299	ng/u1#	94
16) Acetophenone	8.697	105	72902	17.529	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.679	70	37337	16.327	ng/u1#	94
18) 4-Methylphenol	8.662	108	46283	18.510	ng/u1	97
19) Hexachloroethane	8.950	117	18376	18.476	ng/u1	97
22) Nitrobenzene	9.073	77	58446	20.328	ng/u1	95
23) Isophorone	9.596	82	102400	17.509	ng/u1	97
25) 2-Nitrophenol	9.790	139	27817	20.890	ng/u1	95
26) 2,4-Dimethylphenol	9.854	107	52855	20.032	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.078	93	56411	19.242	ng/u1	96
29) 2,4-Dichlorophenol	10.336	162	47910	21.749	ng/u1	92
30) Naphthalene	10.718	128	145556	20.255	ng/u1	98
32) 4-Chloroaniline	10.830	127	56789	18.263	ng/u1	100
33) Hexachlorobutadiene	11.000	225	51551	23.942	ng/u1	95
34) Caprolactam	11.594	113	13883m	16.473	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	53692	18.855	ng/u1	95
36) 2-Methylnaphthalene	12.328	142	105184	20.184	ng/u1	98

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QLast Update : Thu May 30 22:54:48 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.551	142	106920	19.992	ng/ul	97	06/06/2024
39) 1,2,4,5-Tetrachloroben...	12.704	216	87587	25.965	ng/ul	96	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.675	237	18147	11.919	ng/ul#	94	ahmed
41) 2,4,6-Trichlorophenol	12.951	196	44799	23.578	ng/ul	98	
42) 2,4,5-Trichlorophenol	13.039	196	47783m	23.881	ng/ul		
43) 1,1'-Biphenyl	13.339	154	150137	22.725	ng/ul	96	
44) 2-Chloronaphthalene	13.386	162	118733	22.837	ng/ul	98	06/07/2024
45) 2-Nitroaniline	13.597	65	41350	19.270	ng/ul	93	
47) Dimethylphthalate	13.961	163	165112	19.991	ng/ul	99	
48) 2,6-Dinitrotoluene	14.096	165	32206	19.884	ng/ul	90	
50) Acenaphthylene	14.232	152	184269	20.171	ng/ul	97	
51) 3-Nitroaniline	14.426	138	26499	18.852	ng/ul#	96	
52) Acenaphthene	14.572	153	123477	20.605	ng/ul	99	
53) 2,4-Dinitrophenol	14.661	184	14252	16.594	ng/ul#	87	
55) 4-Nitrophenol	14.772	109	19257	16.718	ng/ul	90	
56) Dibenzofuran	14.913	168	183947	21.468	ng/ul	94	
57) 2,4-Dinitrotoluene	14.896	165	49119	19.933	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	15.154	232	36973	20.260	ng/ul	97	
59) Diethylphthalate	15.330	149	156304	19.164	ng/ul	99	
61) Fluorene	15.559	166	152307	20.544	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.554	204	93515	21.508	ng/ul	96	
63) 4-Nitroaniline	15.589	138	26642	18.198	ng/ul	92	
66) 4,6-Dinitro-2-methylph...	15.665	198	26894	17.027	ng/ul	95	
67) N-Nitrosodiphenylamine	15.771	169	132047	21.083	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.447	248	65983	22.348	ng/ul	98	
69) Hexachlorobenzene	16.576	284	73182	22.299	ng/ul	96	
70) Atrazine	16.723	200	46936	18.936	ng/ul	97	
71) Pentachlorophenol	16.934	266	19164m	16.778	ng/ul		
72) Phenanthrene	17.304	178	253858	20.989	ng/ul	99	
74) Anthracene	17.398	178	253622	20.281	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.309	216	85524	25.964	ng/uL	96	
76) Pentachlorobenzene	14.837	250	84517	23.208	ng/uL	97	
77) Carbazole	17.669	167	210839	20.729	ng/ul	98	
78) Di-n-butylphthalate	18.227	149	257372	20.194	ng/ul	99	
80) Fluoranthene	19.320	202	331032	20.192	ng/ul	99	
82) Pyrene	19.684	202	337171	19.813	ng/ul	99	
83) Butylbenzylphthalate	20.571	149	118920	20.342	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.417	252	127304	22.533	ng/ul	96	
85) Benzo(a)anthracene	21.500	228	375374	20.439	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.406	149	169752	19.617	ng/ul	100	
87) Chrysene	21.564	228	349394	20.662	ng/ul	98	
89) Di-n-octyl phthalate	22.569	149	294756	23.325	ng/ul	100	
90) Benzo(b)fluoranthene	23.632	252	327267	21.761	ng/ul	96	
91) Benzo(k)fluoranthene	23.697	252	318230	20.844	ng/ul	97	
93) Benzo(a)pyrene	24.467	252	310252	21.725	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.121	276	339733m	19.672	ng/ul		
95) Dibenzo(a,h)anthracene	28.180	278	287894m	20.218	ng/ul		
96) Benzo(g,h,i)perylene	29.226	276	238097m	17.330	ng/ul		

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

