Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061772.D
Acq On : 28 Jun 2024 14:50
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020543

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 16:18:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	84397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	394050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	255872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	585625	20.000	ng/ul	0.00
79) Chrysene-d12	21.696	240	442615	20.000	ng/ul	0.00
88) Perylene-d12	24.916	264	507414	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	17830	7.632	ng/uL	0.00
4) Pyridine-d5	3.876	84	134470	19.037	ng/ul	0.00
7) Phenol-d5	7.207	99	176877	19.305	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	109545	19.180	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	130929	20.824	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	138927	19.614	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	62120	23.217	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	72093	26.604	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	141257	22.014	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	189199	19.475	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	400073	20.318	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	467949	21.685	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	68678	20.309	ng/ul	0.01
60) Fluorene-d10	15.680	176	356005	20.653	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	45831	18.302	ng/ul	0.00
73) Anthracene-d10	17.531	188	559409	20.927	ng/ul	0.00
81) Pyrene-d10	19.810	212	572567	23.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	525599	21.688	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.494	88	18661	6.427	ng/uL#	61
5) Pyridine	3.894	79	142149	18.720	ng/ul	95
6) Benzaldehyde	7.196	77	111543	24.740	ng/ul	93
8) Phenol	7.231	94	184716	19.158	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.478	93	137988	19.015	ng/ul	97
12) 2-Chlorophenol	7.619	128	130696	20.720	ng/ul	95
13) 2-Methylphenol	8.494	108	131037	19.425	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.576	45	301787	20.355	ng/ul	96
16) Acetophenone	8.882	105	216960	18.603	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.858	70	117110	18.692	ng/ul	93
18) 4-Methylphenol	8.817	108	141302	18.698	ng/ul	98
19) Hexachloroethane	9.146	117	53163	21.020	ng/ul	95
22) Nitrobenzene	9.264	77	173873	22.558	ng/ul	94
23) Isophorone	9.787	82	333609	18.820	ng/ul	99
25) 2-Nitrophenol	9.975	139	71411	25.201	ng/ul#	70
26) 2,4-Dimethylphenol	10.028	107	161838	20.421	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.274	93	199608	19.906	ng/ul	91
29) 2,4-Dichlorophenol	10.509	162	128801	21.909	ng/ul	97
30) Naphthalene	10.921	128	440460	19.977	ng/ul	98
32) 4-Chloroaniline	11.027	127	184712	19.171	ng/ul	93
33) Hexachlorobutadiene	11.197	225	97118	23.915	ng/ul	91
34) Caprolactam	11.784	113	42092m	17.315	ng/ul	
35) 4-Chloro-3-methylphenol	12.137	107	160467	19.519	ng/ul	94
36) 2-Methylnaphthalene	12.525	142	307519	19.766	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	309024	18.616	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.883	216	169845	23.455	ng/ul	94
40) Hexachlorocyclopentadiene	12.860	237	65761	15.263	ng/ul	95
41) 2,4,6-Trichlorophenol	13.118	196	108480	23.219	ng/ul	93
42) 2,4,5-Trichlorophenol	13.189	196	113924	22.371	ng/ul	87
43) 1,1'-Biphenyl	13.524	154	408318	22.030	ng/ul	99
44) 2-Chloronaphthalene	13.571	162	313807	22.041	ng/ul	98
45) 2-Nitroaniline	13.770	65	129045	26.477	ng/ul	95
47) Dimethylphthalate	14.140	163	383186	19.597	ng/ul	98
48) 2,6-Dinitrotoluene	14.258	165	80515	24.815	ng/ul	96
50) Acenaphthylene	14.411	152	504845	20.959	ng/ul	98
51) 3-Nitroaniline	14.587	138	85837	25.833	ng/ul#	97
52) Acenaphthene	14.752	153	348486	20.890	ng/ul	94
53) 2,4-Dinitrophenol	14.787	184	24231	14.696	ng/ul#	85
55) 4-Nitrophenol	14.887	109	69714	19.963	ng/ul	99
56) Dibenzofuran	15.086	168	476105	20.395	ng/ul	95
57) 2,4-Dinitrotoluene	15.045	165	114939	23.865	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	104764	20.981	ng/ul	94
59) Diethylphthalate	15.498	149	397973	19.762	ng/ul	95
61) Fluorene	15.733	166	391228	20.251	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.727	204	198588	20.707	ng/ul	93
63) 4-Nitroaniline	15.750	138	90858	25.811	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.803	198	48799	17.204	ng/ul#	86
67) N-Nitrosodiphenylamine	15.938	169	325205	21.474	ng/ul	96
68) 4-Bromophenyl-phenylether	16.620	248	134699	22.339	ng/ul	94
69) Hexachlorobenzene	16.732	284	151687	20.729	ng/ul	100
70) Atrazine	16.884	200	129336	21.381	ng/ul	96
71) Pentachlorophenol	17.072	266	87283	19.581	ng/ul	94
72) Phenanthrene	17.472	178	619582	20.110	ng/ul	99
74) Anthracene	17.566	178	642259	20.385	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	166432	25.508	ng/ul	94
76) Pentachlorobenzene	14.998	250	178657	22.801	ng/ul	94
77) Carbazole	17.830	167	554838	20.741	ng/ul	100
78) Di-n-butylphthalate	18.388	149	708329	22.139	ng/ul	98
80) Fluoranthene	19.481	202	698434	24.347	ng/ul	98
82) Pyrene	19.840	202	696653	22.839	ng/ul	97
83) Butylbenzylphthalate	20.727	149	292233	26.313	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.591	252	199090	21.273	ng/ul	98
85) Benzo(a)anthracene	21.679	228	651315	20.963	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.585	149	425124	26.042	ng/ul	98
87) Chrysene	21.743	228	610558	20.768	ng/ul	99
89) Di-n-octyl phthalate	22.807	149	713198	26.649	ng/ul	100
90) Benzo(b)fluoranthene	23.888	252	651921	21.373	ng/ul	99
91) Benzo(k)fluoranthene	23.958	252	657696	20.966	ng/ul#	97
93) Benzo(a)pyrene	24.769	252	616666	21.000	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.582	276	798966	21.834	ng/ul	97
95) Dibenzo(a,h)anthracene	28.653	278	666498	21.904	ng/ul	99
96) Benzo(g,h,i)perylene	29.728	276	635710	21.551	ng/ul	97

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

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