Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063308.D
Acq On : 12 Nov 2024 3:53
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020528

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 04:07:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	114383	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	528744	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	469532	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1106428	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.478	240	1124387	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	1185287	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	19087	7.545	ng/uL	0.00
4) Pyridine-d5	3.705	84	151119	18.075	ng/ul	0.00
7) Phenol-d5	7.007	99	209231	20.272	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	125327	20.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	150294	22.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	182681	20.882	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	80962	21.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	100591	20.938	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	200453	21.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	239352	19.491	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	643572	17.499	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	741706	20.604	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	90876	18.047	ng/ul	0.00
60) Fluorene-d10	15.468	176	607579	19.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	130325	18.742	ng/ul	0.00
73) Anthracene-d10	17.324	188	993507	20.893	ng/ul	0.00
81) Pyrene-d10	19.622	212	1218889	21.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1200753	20.982	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	24194	7.769	ng/uL#	79
5) Pyridine	3.728	79	157717	18.488	ng/ul	98
6) Benzaldehyde	6.978	77	145201	25.454	ng/ul	93
8) Phenol	7.036	94	222053	19.742	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.260	93	156272	20.429	ng/ul	88
12) 2-Chlorophenol	7.401	128	152534	21.286	ng/ul	94
13) 2-Methylphenol	8.282	108	169842	20.672	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.352	45	213676	22.100	ng/ul	93
16) Acetophenone	8.652	105	283994	20.162	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	163909	19.949	ng/ul	92
18) 4-Methylphenol	8.605	108	188523	20.179	ng/ul	99
19) Hexachloroethane	8.911	117	64688	22.276	ng/ul	85
22) Nitrobenzene	9.028	77	242553	21.162	ng/ul	94
23) Isophorone	9.551	82	446524	18.458	ng/ul	97
25) 2-Nitrophenol	9.739	139	102433	21.568	ng/ul#	88
26) 2,4-Dimethylphenol	9.804	107	218551	21.097	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.033	93	236082	20.244	ng/ul	97
29) 2,4-Dichlorophenol	10.280	162	195087	21.949	ng/ul	90
30) Naphthalene	10.673	128	564741	20.874	ng/ul	98
32) 4-Chloroaniline	10.785	127	225224	19.162	ng/ul	99
33) Hexachlorobutadiene	10.961	225	174048	20.460	ng/ul	95
34) Caprolactam	11.531	113	62784m	16.995	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	212393	19.914	ng/ul	95
36) 2-Methylnaphthalene	12.289	142	432371	20.164	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	443350	19.883	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.659	216	344794	20.831	ng/ul	98
40) Hexachlorocyclopentadiene	12.642	237	173124	19.155	ng/ul	96
41) 2,4,6-Trichlorophenol	12.900	196	186345	20.857	ng/ul	98
42) 2,4,5-Trichlorophenol	12.982	196	197191	20.353	ng/ul	87
43) 1,1'-Biphenyl	13.300	154	611107	20.533	ng/ul	97
44) 2-Chloronaphthalene	13.347	162	487085	21.022	ng/ul	97
45) 2-Nitroaniline	13.546	65	157900	19.978	ng/ul	95
47) Dimethylphthalate	13.928	163	621659	17.628	ng/ul	97
48) 2,6-Dinitrotoluene	14.052	165	131184	19.440	ng/ul	97
50) Acenaphthylene	14.193	152	736695	20.544	ng/ul	98
51) 3-Nitroaniline	14.381	138	120841	20.515	ng/ul	88
52) Acenaphthene	14.539	153	542518	21.138	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	84619	19.019	ng/ul	86
55) 4-Nitrophenol	14.698	109	107459	16.419	ng/ul	99
56) Dibenzofuran	14.874	168	794025	20.210	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	198630	18.611	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.103	232	191425	19.078	ng/ul#	95
59) Diethylphthalate	15.297	149	627653	17.360	ng/ul	100
61) Fluorene	15.526	166	660840	19.874	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.515	204	411168	19.240	ng/ul	96
63) 4-Nitroaniline	15.544	138	126362	21.196	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.609	198	140183	19.426	ng/ul	98
67) N-Nitrosodiphenylamine	15.732	169	545115	22.085	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	274465	21.699	ng/ul	98
69) Hexachlorobenzene	16.537	284	282143	20.938	ng/ul	97
70) Atrazine	16.684	200	270130	20.006	ng/ul	93
71) Pentachlorophenol	16.884	266	120463	17.832	ng/ul	97
72) Phenanthrene	17.266	178	1091893	21.599	ng/ul	99
74) Anthracene	17.360	178	1105191	21.341	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	344200	24.057	ng/ul	93
76) Pentachlorobenzene	14.798	250	347989	22.808	ng/ul	97
77) Carbazole	17.630	167	909745	21.159	ng/ul	96
78) Di-n-butylphthalate	18.194	149	1037376	21.211	ng/ul	97
80) Fluoranthene	19.287	202	1353657	22.215	ng/ul#	98
82) Pyrene	19.651	202	1431928	22.170	ng/ul#	97
83) Butylbenzylphthalate	20.550	149	445548	23.604	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.384	252	535585	22.152	ng/ul	98
85) Benzo(a)anthracene	21.461	228	1531888	21.539	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	643901	23.419	ng/ul	99
87) Chrysene	21.525	228	1421292	21.434	ng/ul	98
89) Di-n-octyl phthalate	22.524	149	1109938	23.763	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	1535087m	21.526	ng/ul	
91) Benzo(k)fluoranthene	23.623	252	1485100	20.907	ng/ul	99
93) Benzo(a)pyrene	24.375	252	1399590	21.217	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.941	276	1724310	21.310	ng/ul	95
95) Dibenzo(a,h)anthracene	27.994	278	1380656	20.929	ng/ul#	98
96) Benzo(g,h,i)perylene	29.005	276	1297694	21.153	ng/ul	100

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

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