Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031124\
Data File : BG060603.D
Acq On : 11 Mar 2024 8:57
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020487

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 11 10:59:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 08 15:23:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	93975	20.000	ng/ul	0.00
20) Naphthalene-d8	11.176	136	435668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.953	164	298633	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.703	188	638632	20.000	ng/ul	0.00
79) Chrysene-d12	22.027	240	564870	20.000	ng/ul	0.00
88) Perylene-d12	25.588	264	643636	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	18252	7.333	ng/uL	0.00
4) Pyridine-d5	4.049	84	138485	17.780	ng/ul	0.00
7) Phenol-d5	7.433	99	175031	18.074	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	112505	17.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.838	132	127126	18.776	ng/ul	0.00
15) 4-Methylphenol-d8	9.007	113	143348	19.064	ng/ul	0.00
21) Nitrobenzene-d5	9.524	128	53128	19.124	ng/ul	0.00
24) 2-Nitrophenol-d4	10.241	143	47789	17.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.764	165	134781	19.117	ng/ul	0.00
31) 4-Chloroaniline-d4	11.311	131	206342	18.829	ng/ul	0.00
46) Dimethylphthalate-d6	14.348	166	441236	18.637	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	529492	19.100	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	62616	17.548	ng/ul	0.00
60) Fluorene-d10	15.941	176	393818	18.929	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	39325	15.170	ng/ul	0.00
73) Anthracene-d10	17.803	188	610097	19.439	ng/ul	0.00
81) Pyrene-d10	20.071	212	657222	19.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.335	264	640261	19.225	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.655	88	21079	7.986	ng/uL	85
5) Pyridine	4.072	79	140238	17.751	ng/ul	95
6) Benzaldehyde	7.468	77	106030	23.104	ng/ul	93
8) Phenol	7.462	94	176394	18.002	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.738	93	143274	18.411	ng/ul	97
12) 2-Chlorophenol	7.873	128	134414	18.962	ng/ul	97
13) 2-Methylphenol	8.743	108	141705	18.563	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.837	45	292250	18.570	ng/ul	97
16) Acetophenone	9.166	105	244453	19.053	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.131	70	120577	19.165	ng/ul#	97
18) 4-Methylphenol	9.072	108	154996	18.645	ng/ul	95
19) Hexachloroethane	9.413	117	52326	18.842	ng/ul	94
22) Nitrobenzene	9.566	77	152875	19.697	ng/ul#	95
23) Isophorone	10.077	82	364356	19.760	ng/ul	99
25) 2-Nitrophenol	10.277	139	55738	17.674	ng/ul	96
26) 2,4-Dimethylphenol	10.294	107	165773	19.356	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.559	93	208543	19.449	ng/ul	100
29) 2,4-Dichlorophenol	10.794	162	136865	19.435	ng/ul	98
30) Naphthalene	11.223	128	493961	19.178	ng/ul	99
32) 4-Chloroaniline	11.340	127	202860	18.966	ng/ul	98
33) Hexachlorobutadiene	11.452	225	100779	19.342	ng/ul	99
34) Caprolactam	12.110	113	46113	19.125	ng/ul	95
35) 4-Chloro-3-methylphenol	12.403	107	167259	19.792	ng/ul	96
36) 2-Methylnaphthalene	12.803	142	338899	20.027	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	334913	19.757	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.144	216	188667	19.194	ng/ul	98
40) Hexachlorocyclopentadiene	13.103	237	113510	18.962	ng/ul	93
41) 2,4,6-Trichlorophenol	13.385	196	116724	19.073	ng/ul	95
42) 2,4,5-Trichlorophenol	13.449	196	127189	19.483	ng/ul	94
43) 1,1'-Biphenyl	13.790	154	457907	19.098	ng/ul	98
44) 2-Chloronaphthalene	13.843	162	364563	19.158	ng/ul	98
45) 2-Nitroaniline	14.054	65	96743	18.611	ng/ul	95
47) Dimethylphthalate	14.395	163	460690	19.118	ng/ul	100
48) 2,6-Dinitrotoluene	14.536	165	60832	17.569	ng/ul#	95
50) Acenaphthylene	14.683	152	610568	19.269	ng/ul	99
51) 3-Nitroaniline	14.871	138	72284	17.718	ng/ul	90
52) Acenaphthene	15.018	153	395883	18.822	ng/ul	98
53) 2,4-Dinitrophenol	15.065	184	26219	14.889	ng/ul	92
55) 4-Nitrophenol	15.130	109	61812	17.935	ng/ul	95
56) Dibenzofuran	15.347	168	538874	19.087	ng/ul	99
57) 2,4-Dinitrotoluene	15.312	165	84142	17.884	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.553	232	101897	18.323	ng/ul	97
59) Diethylphthalate	15.741	149	469361	19.097	ng/ul	99
61) Fluorene	15.999	166	450934	19.280	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.982	204	226922	19.374	ng/ul	95
63) 4-Nitroaniline	16.029	138	76000m	18.702	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.058	198	41607	14.535	ng/ul	98
67) N-Nitrosodiphenylamine	16.199	169	390925	19.161	ng/ul	96
68) 4-Bromophenyl-phenylether	16.881	248	138110	18.811	ng/ul	96
69) Hexachlorobenzene	16.969	284	162857	18.556	ng/ul	96
70) Atrazine	17.133	200	135998	19.672	ng/ul	99
71) Pentachlorophenol	17.315	266	78259	16.182	ng/ul	95
72) Phenanthrene	17.744	178	699645	19.091	ng/ul	98
74) Anthracene	17.838	178	723036	19.373	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.749	216	183554	19.241	ng/uL	97
76) Pentachlorobenzene	15.241	250	182931	18.627	ng/uL	98
77) Carbazole	18.109	167	615185	19.220	ng/ul	98
78) Di-n-butylphthalate	18.626	149	766962	19.617	ng/ul	99
80) Fluoranthene	19.736	202	794813	19.680	ng/ul	99
82) Pyrene	20.100	202	818951	19.361	ng/ul	98
83) Butylbenzylphthalate	20.964	149	304243	19.555	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.916	252	255941	19.813	ng/ul	98
85) Benzo(a)anthracene	22.004	228	814516	19.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.851	149	453621	19.624	ng/ul	97
87) Chrysene	22.074	228	766525	19.193	ng/ul	99
89) Di-n-octyl phthalate	23.185	149	755324	18.875	ng/ul	100
90) Benzo(b)fluoranthene	24.436	252	743269	18.998	ng/ul	97
91) Benzo(k)fluoranthene	24.513	252	782779	19.166	ng/ul	98
93) Benzo(a)pyrene	25.418	252	717915	18.918	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.713	276	897776m	19.154	ng/ul	
95) Dibenzo(a,h)anthracene	29.801	278	730941	19.084	ng/ul	97
96) Benzo(g,h,i)perylene	31.029	276	699744	18.594	ng/ul	99

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

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