Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061529.D
Acq On : 7 Jun 2024 4:42
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020521

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 05:19:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	44835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	161039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	113761	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	267237	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	294182	20.000	ng/ul	0.00
88) Perylene-d12	24.612	264	329365	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	6485	8.095	ng/uL	0.02
4) Pyridine-d5	3.777	84	44458	15.598	ng/ul	0.00
7) Phenol-d5	7.074	99	62182	16.889	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	38599	16.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.420	132	51804	19.011	ng/ul	0.00
15) 4-Methylphenol-d8	8.601	113	52379	16.684	ng/ul	0.00
21) Nitrobenzene-d5	9.036	128	26922	21.713	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143	30535	21.043	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	61088	21.594	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	66221	17.893	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	173133	19.623	ng/ul	0.00
49) Acenaphthylene-d8	14.206	160	189512	20.660	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	19230	17.629	ng/ul	0.00
60) Fluorene-d10	15.505	176	151444	19.881	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.652	200	18670	11.551	ng/ul	0.00
73) Anthracene-d10	17.362	188	252666	21.446	ng/ul	0.00
81) Pyrene-d10	19.653	212	302755	20.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.406	264	326480	20.618	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	7118	7.402	ng/uL#	73
5) Pyridine	3.801	79	44375	15.741	ng/ul	86
6) Benzaldehyde	7.027	77	31384	16.302	ng/ul	96
8) Phenol	7.103	94	64372	17.159	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.303	93	48128	17.539	ng/ul	91
12) 2-Chlorophenol	7.456	128	54984	19.094	ng/ul	93
13) 2-Methylphenol	8.337	108	48867	16.808	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.401	45	107047	14.445	ng/ul#	95
16) Acetophenone	8.701	105	84397	15.751	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.684	70	42428	14.402	ng/ul#	92
18) 4-Methylphenol	8.666	108	52348	16.251	ng/ul	93
19) Hexachloroethane	8.954	117	25606	19.984	ng/ul	88
22) Nitrobenzene	9.083	77	68137	20.036	ng/ul	97
23) Isophorone	9.600	82	117415	16.973	ng/ul	99
25) 2-Nitrophenol	9.788	139	31706	20.130	ng/ul	96
26) 2,4-Dimethylphenol	9.859	107	59909	19.196	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.076	93	66496	19.176	ng/ul#	98
29) 2,4-Dichlorophenol	10.335	162	55889	21.450	ng/ul	97
30) Naphthalene	10.722	128	173499	20.412	ng/ul	97
32) 4-Chloroaniline	10.834	127	65795	17.889	ng/ul	97
33) Hexachlorobutadiene	10.998	225	63328	24.865	ng/ul	98
34) Caprolactam	11.598	113	16261	16.312	ng/ul	91
35) 4-Chloro-3-methylphenol	11.980	107	56858	16.881	ng/ul	95
36) 2-Methylnaphthalene	12.332	142	118314	19.194	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.550	142	119540	18.897	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.702	216	96981	25.821	ng/ul	99
40) Hexachlorocyclopentadiene	12.679	237	19354	11.416	ng/ul	95
41) 2,4,6-Trichlorophenol	12.955	196	52330	24.736	ng/ul	96
42) 2,4,5-Trichlorophenol	13.037	196	54540	24.481	ng/ul	94
43) 1,1'-Biphenyl	13.343	154	161599	21.968	ng/ul	96
44) 2-Chloronaphthalene	13.384	162	129673	22.400	ng/ul	96
45) 2-Nitroaniline	13.595	65	43383	18.158	ng/ul	92
47) Dimethylphthalate	13.966	163	172899	18.801	ng/ul	100
48) 2,6-Dinitrotoluene	14.089	165	36253	20.103	ng/ul	99
50) Acenaphthylene	14.236	152	209920	20.638	ng/ul	98
51) 3-Nitroaniline	14.424	138	32930	21.041	ng/ul#	94
52) Acenaphthene	14.577	153	138542	20.763	ng/ul	98
53) 2,4-Dinitrophenol	14.659	184	9459m	9.891	ng/ul	
55) 4-Nitrophenol	14.771	109	26422	20.602	ng/ul	93
56) Dibenzofuran	14.912	168	192614	20.190	ng/ul	99
57) 2,4-Dinitrotoluene	14.894	165	50650	18.460	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.152	232	45563	22.424	ng/ul#	93
59) Diethylphthalate	15.329	149	165289	18.202	ng/ul	99
61) Fluorene	15.564	166	161867	19.609	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.552	204	98465	20.339	ng/ul	96
63) 4-Nitroaniline	15.593	138	35818	21.974	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.669	198	18826	11.114	ng/ul#	86
67) N-Nitrosodiphenylamine	15.769	169	141676	21.093	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	70152	22.155	ng/ul	99
69) Hexachlorobenzene	16.574	284	80794	22.956	ng/ul	95
70) Atrazine	16.721	200	51657	19.433	ng/ul	97
71) Pentachlorophenol	16.933	266	32620m	26.629	ng/ul	
72) Phenanthrene	17.303	178	269520	20.779	ng/ul	98
74) Anthracene	17.397	178	280997	20.953	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.313	216	92944	26.311	ng/uL	96
76) Pentachlorobenzene	14.835	250	94111	24.097	ng/uL	94
77) Carbazole	17.673	167	225667	20.688	ng/ul	96
78) Di-n-butylphthalate	18.225	149	277773	20.323	ng/ul	98
80) Fluoranthene	19.324	202	359547	19.842	ng/ul	99
82) Pyrene	19.688	202	372637	19.812	ng/ul	97
83) Butylbenzylphthalate	20.570	149	127585	19.746	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	93617	14.992	ng/ul	98
85) Benzo(a)anthracene	21.504	228	410604	20.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	185412	19.386	ng/ul	99
87) Chrysene	21.563	228	380844	20.376	ng/ul	99
89) Di-n-octyl phthalate	22.567	149	315421	19.142	ng/ul	100
90) Benzo(b)fluoranthene	23.631	252	402994	20.550	ng/ul	97
91) Benzo(k)fluoranthene	23.701	252	398400	20.012	ng/ul	96
93) Benzo(a)pyrene	24.471	252	378320	20.317	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.131	276	407092	18.078	ng/ul	99
95) Dibenzo(a,h)anthracene	28.178	278	345120	18.587	ng/ul	98
96) Benzo(g,h,i)perylene	29.218	276	300351	16.766	ng/ul	99

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

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