Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058239.D
Acq On : 14 Jul 2023 21:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020516

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 02:38:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	51015	20.000	ng/ul	0.00
20) Naphthalene-d8	10.703	136	240404	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	167319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.283	188	392617	20.000	ng/ul	0.00
79) Chrysene-d12	21.537	240	344059	20.000	ng/ul	0.00
88) Perylene-d12	24.675	264	428342	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	11411	7.833	ng/uL	0.00
4) Pyridine-d5	3.752	84	88009	19.898	ng/ul	0.00
7) Phenol-d5	7.066	99	111546	21.410	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	65844	20.972	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	75524	21.018	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	84757	21.560	ng/ul	0.00
21) Nitrobenzene-d5	9.064	128	40392	20.615	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	45711	22.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	88292	22.350	ng/ul	0.00
31) 4-Chloroaniline-d4	10.844	131	124143	20.727	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	259860	19.684	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	309380	21.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	42115	18.056	ng/ul	0.00
60) Fluorene-d10	15.533	176	238924	21.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	39311	18.439	ng/ul	0.00
73) Anthracene-d10	17.383	188	387825	21.288	ng/ul	0.00
81) Pyrene-d10	19.675	212	439104	20.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.463	264	456249	20.907	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	13252	7.363	ng/uL#	94
5) Pyridine	3.776	79	94683	20.893	ng/ul	94
6) Benzaldehyde	7.042	77	34467	19.810	ng/ul	99
8) Phenol	7.095	94	115483	21.843	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.319	93	82447	20.197	ng/ul	100
12) 2-Chlorophenol	7.465	128	80309	21.478	ng/ul	96
13) 2-Methylphenol	8.347	108	88727	21.369	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.429	45	140187m	22.310	ng/ul	
16) Acetophenone	8.723	105	139730	21.424	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	71778	20.586	ng/ul	98
18) 4-Methylphenol	8.670	108	98073	21.844	ng/ul	98
19) Hexachloroethane	8.981	117	31152	21.732	ng/ul	99
22) Nitrobenzene	9.105	77	106820	21.000	ng/ul	99
23) Isophorone	9.622	82	213823	19.700	ng/ul	98
25) 2-Nitrophenol	9.816	139	48300	21.858	ng/ul	94
26) 2,4-Dimethylphenol	9.874	107	104960	21.123	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.109	93	120543	19.709	ng/ul	98
29) 2,4-Dichlorophenol	10.356	162	83516	21.743	ng/ul	96
30) Naphthalene	10.756	128	283233	20.964	ng/ul	99
32) 4-Chloroaniline	10.867	127	125504	20.493	ng/ul	99
33) Hexachlorobutadiene	11.032	225	58371	21.466	ng/ul	95
34) Caprolactam	11.614	113	29603m	19.170	ng/ul	
35) 4-Chloro-3-methylphenol	11.995	107	103790	21.998	ng/ul	99
36) 2-Methylnaphthalene	12.366	142	191468	21.024	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	193456	21.183	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	113355	22.231	ng/ul	99
40) Hexachlorocyclopentadiene	12.706	237	59318	18.469	ng/ul	97
41) 2,4,6-Trichlorophenol	12.971	196	76935	22.262	ng/ul	98
42) 2,4,5-Trichlorophenol	13.047	196	82606	22.102	ng/ul	97
43) 1,1'-Biphenyl	13.370	154	256008	21.232	ng/ul	99
44) 2-Chloronaphthalene	13.417	162	209660	21.665	ng/ul	99
45) 2-Nitroaniline	13.623	65	72170	21.450	ng/ul	98
47) Dimethylphthalate	13.987	163	264876	19.970	ng/ul	99
48) 2,6-Dinitrotoluene	14.117	165	57123	20.982	ng/ul	96
50) Acenaphthylene	14.263	152	332012	21.342	ng/ul	100
51) 3-Nitroaniline	14.446	138	41860	18.194	ng/ul	98
52) Acenaphthene	14.604	153	228591	21.414	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	28412	20.018	ng/ul	89
55) 4-Nitrophenol	14.757	109	32475	18.795	ng/ul	91
56) Dibenzofuran	14.939	168	322126	21.228	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	82891	21.489	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.162	232	72815	21.401	ng/ul#	99
59) Diethylphthalate	15.350	149	271656	19.624	ng/ul	99
61) Fluorene	15.585	166	263790	21.186	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.579	204	139323	21.148	ng/ul	98
63) 4-Nitroaniline	15.609	138	25292m	12.271	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.668	198	41612	19.086	ng/ul	99
67) N-Nitrosodiphenylamine	15.791	169	223456	21.386	ng/ul	99
68) 4-Bromophenyl-phenylether	16.473	248	94166	21.850	ng/ul	99
69) Hexachlorobenzene	16.590	284	106016	21.971	ng/ul	100
70) Atrazine	16.737	200	87890	20.570	ng/ul	95
71) Pentachlorophenol	16.937	266	59436m	20.518	ng/ul	
72) Phenanthrene	17.325	178	422891	21.175	ng/ul	100
74) Anthracene	17.419	178	427117	21.134	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.341	216	119187	22.890	ng/uL	94
76) Pentachlorobenzene	14.857	250	125504	22.568	ng/uL	97
77) Carbazole	17.689	167	388514	21.256	ng/ul	99
78) Di-n-butylphthalate	18.241	149	483180	20.752	ng/ul	99
80) Fluoranthene	19.340	202	509013	20.272	ng/ul	99
82) Pyrene	19.704	202	514159	20.343	ng/ul	99
83) Butylbenzylphthalate	20.585	149	218517	21.321	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.437	252	186541	22.396	ng/ul	98
85) Benzo(a)anthracene	21.520	228	520061	21.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.420	149	315998	21.515	ng/ul	97
87) Chrysene	21.584	228	495400	21.392	ng/ul	98
89) Di-n-octyl phthalate	22.595	149	554707	21.077	ng/ul	100
90) Benzo(b)fluoranthene	23.676	252	547424	20.640	ng/ul	98
91) Benzo(k)fluoranthene	23.746	252	541054	20.813	ng/ul	99
93) Benzo(a)pyrene	24.534	252	487660	20.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.247	276	645016	20.692	ng/ul	98
95) Dibenzo(a,h)anthracene	28.312	278	534811	20.806	ng/ul	99
96) Benzo(g,h,i)perylene	29.375	276	510245	20.040	ng/ul	99

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

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SSTD020516

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