Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
Data File : BG049431.D
Acq On : 23 Jul 2021 18:30
Operator : CG/JU
Sample : SSTD01002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010409

Manual Integrations APPROVED
mohammad
7/26/2021 1:28:58 PM

Quant Time: Jul 23 23:55:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	22930	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	88631	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	58543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	137162	20.000	ng/ul	0.00
79) Chrysene-d12	21.726	240	152927	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	161215	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.433	96	1927	3.641	ng/uL	0.00
4) Pyridine-d5	3.862	84	13442	8.297	ng/ul	0.00
7) Phenol-d5	7.198	99	18945	9.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	10951	8.902	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	14377	10.385	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	14445	8.839	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	7353	11.982	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	7916	11.782	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	14240	8.625	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	20232	9.731	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	47684	9.901	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	55058	10.411	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	6380	8.896	ng/ul	0.00
60) Fluorene-d10	15.687	176	41168	9.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	7374	10.520	ng/ul	0.00
73) Anthracene-d10	17.543	188	63961	10.206	ng/ul	0.00
81) Pyrene-d10	19.828	212	82616	10.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	84510	9.670	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.468	88	2334m	4.395	ng/uL	
5) Pyridine	3.879	79	14568	9.002	ng/ul	96
6) Benzaldehyde	7.181	77	10667	8.480	ng/ul	86
8) Phenol	7.228	94	18267	8.674	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.463	93	12651	8.237	ng/ul#	86
12) 2-Chlorophenol	7.604	128	14078	9.581	ng/ul	88
13) 2-Methylphenol	8.491	108	13671	8.677	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.573	45	16076	8.860	ng/ul#	85
16) Acetophenone	8.872	105	22613	8.441	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.855	70	12539	7.894	ng/ul#	92
18) 4-Methylphenol	8.814	108	13627	8.239	ng/ul	96
19) Hexachloroethane	9.137	117	6392	9.335	ng/ul#	83
22) Nitrobenzene	9.260	77	21108	10.433	ng/ul#	98
23) Isophorone	9.783	82	34269	8.195	ng/ul	97
25) 2-Nitrophenol	9.977	139	7569	9.892	ng/ul#	90
26) 2,4-Dimethylphenol	10.030	107	17189	8.538	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.265	93	17254	8.196	ng/ul	92
29) 2,4-Dichlorophenol	10.511	162	14647	9.497	ng/ul#	90
30) Naphthalene	10.917	128	47016	10.038	ng/ul	95
32) 4-Chloroaniline	11.028	127	18638	9.115	ng/ul#	83
33) Hexachlorobutadiene	11.205	225	11279	7.688	ng/ul	95
34) Caprolactam	11.780	113	4659m	7.929	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	15306	8.462	ng/ul	88
36) 2-Methylnaphthalene	12.526	142	33642	9.312	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.744	142	34862	9.742	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.891	216	18583	8.339	ng/ul	92
40) Hexachlorocyclopentadiene	12.873	237	8346	5.157	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.131	196	10972	8.001	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.208	196	11336	7.701	ng/ul	94
43) 1,1'-Biphenyl	13.531	154	44212	10.206	ng/ul#	92
44) 2-Chloronaphthalene	13.572	162	34631	10.206	ng/ul#	92
45) 2-Nitroaniline	13.778	65	11516	10.986	ng/ul	92
47) Dimethylphthalate	14.142	163	46644	9.589	ng/ul#	96
48) 2,6-Dinitrotoluene	14.265	165	8756	10.510	ng/ul	95
50) Acenaphthylene	14.418	152	52512	10.355	ng/ul	96
51) 3-Nitroaniline	14.594	138	8572	10.702	ng/ul	94
52) Acenaphthene	14.759	153	38963	10.360	ng/ul	95
53) 2,4-Dinitrophenol	14.812	184	2184m	3.940	ng/ul	
55) 4-Nitrophenol	14.905	109	9067	9.545	ng/ul	98
56) Dibenzofuran	15.099	168	52294	9.788	ng/ul	96
57) 2,4-Dinitrotoluene	15.052	165	13009	10.855	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.317	232	10187	7.321	ng/ul#	96
59) Diethylphthalate	15.505	149	49172	10.114	ng/ul	97
61) Fluorene	15.746	166	43851	9.643	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.734	204	21711	7.870	ng/ul	89
63) 4-Nitroaniline	15.757	138	7673	9.200	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.816	198	6570	8.927	ng/ul#	89
67) N-Nitrosodiphenylamine	15.945	169	36443	9.592	ng/ul	95
68) 4-Bromophenyl-phenylether	16.633	248	15095	8.653	ng/ul#	87
69) Hexachlorobenzene	16.750	284	17542	9.568	ng/ul	92
70) Atrazine	16.891	200	16331	9.552	ng/ul	92
71) Pentachlorophenol	17.097	266	5376m	4.622	ng/ul	
72) Phenanthrene	17.490	178	73425	10.543	ng/ul	100
74) Anthracene	17.578	178	73772	10.297	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	19077	8.871	ng/uL	93
76) Pentachlorobenzene	15.017	250	19144	8.499	ng/uL	94
77) Carbazole	17.849	167	66326	10.927	ng/ul	99
78) Di-n-butylphthalate	18.401	149	81922	10.783	ng/ul	99
80) Fluoranthene	19.499	202	97287	10.025	ng/ul	98
82) Pyrene	19.858	202	98775	10.192	ng/ul	100
83) Butylbenzylphthalate	20.739	149	37403	10.792	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.620	252	35133	9.379	ng/ul#	99
85) Benzo(a)anthracene	21.708	228	97147	9.615	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.602	149	55791	11.043	ng/ul#	98
87) Chrysene	21.773	228	93294	9.656	ng/ul	98
89) Di-n-octyl phthalate	22.830	149	91667	10.446	ng/ul	100
90) Benzo(b)fluoranthene	23.952	252	103569	9.713	ng/ul	99
91) Benzo(k)fluoranthene	24.023	252	100056	9.549	ng/ul	97
93) Benzo(a)pyrene	24.839	252	91719	9.791	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.734	276	115216m	9.562	ng/ul	
95) Dibenzo(a,h)anthracene	28.793	278	95772	9.776	ng/ul	97
96) Benzo(g,h,i)perylene	29.891	276	95080m	9.735	ng/ul	

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

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