Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048252.D
Acq On : 21 Feb 2021 1:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Manual Integrations APPROVED
mohammad
2/22/2021 2:09:25 PM

Quant Time: Feb 21 03:56:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 21 00:59:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	38053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	151856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	106381	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	251859	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	261951	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	255886	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6616	7.24	ng/uL	0.00
5) Phenol-d5	7.31	99	64975	20.26	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.44	67	41045	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	48236	21.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	52936	21.05	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	23821	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	29815	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	57663	21.46	ng/ul	0.02
29) 4-Chloroaniline-d4	11.08	131	62844	23.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	162564	20.63	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	202367	21.01	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	25065	18.72	ng/ul	0.03
58) Fluorene-d10	15.73	176	149548	21.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.87	200	31971	20.70	ng/ul	0.01
71) Anthracene-d10	17.59	188	235211	21.78	ng/ul	0.00
79) Pyrene-d10	19.87	212	267757	20.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	280138	21.46	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	6916	6.598	ng/uL	92
4) Benzaldehyde	7.25	77	49721	26.378	ng/ul	99
6) Phenol	7.34	94	69864	21.105	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.53	93	50008	20.003	ng/ul#	84
10) 2-Chlorophenol	7.69	128	50359	21.152	ng/ul	94
11) 2-Methylphenol	8.59	108	50760	21.194	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	69365	21.228	ng/ul	99
14) Acetophenone	8.95	105	87198	21.288	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.92	70	47628	20.939	ng/ul#	97
16) 4-Methylphenol	8.92	108	53278	20.615	ng/ul	97
17) Hexachloroethane	9.20	117	20072	18.874	ng/ul	94
20) Nitrobenzene	9.33	77	72553	20.999	ng/ul	100
21) Isophorone	9.86	82	119840	19.633	ng/ul	98
23) 2-Nitrophenol	10.04	139	31416	22.454	ng/ul	93
24) 2,4-Dimethylphenol	10.12	107	66472	21.469	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	68172	19.812	ng/ul	93
27) 2,4-Dichlorophenol	10.60	162	55262	21.497	ng/ul	94
28) Naphthalene	10.98	128	160221	20.918	ng/ul	99
30) 4-Chloroaniline	11.10	127	66256	24.324	ng/ul	99
31) Hexachlorobutadiene	11.25	225	47256	21.077	ng/ul	93
32) Caprolactam	11.88	113	17712	19.745	ng/ul	90
33) 4-Chloro-3-methylphenol	12.25	107	58837	20.673	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	117096	20.113	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	114389	20.311 ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	83894	21.922 ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	36184	14.666 ng/ul	89
39) 2,4,6-Trichlorophenol	13.20	196	53486	22.698 ng/ul	96
40) 2,4,5-Trichlorophenol	13.29	196	59190	24.717 ng/ul	98
41) 1,1'-Biphenyl	13.58	154	157833	21.628 ng/ul	98
42) 2-Chloronaphthalene	13.63	162	130422	21.690 ng/ul	97
43) 2-Nitroaniline	13.84	65	46643	22.430 ng/ul#	90
45) Dimethylphthalate	14.19	163	166641	20.457 ng/ul	99
46) 2,6-Dinitrotoluene	14.33	165	37092	21.651 ng/ul	93
48) Acenaphthylene	14.47	152	185855	21.573 ng/ul	96
49) 3-Nitroaniline	14.67	138	34711	24.038 ng/ul	90
50) Acenaphthene	14.81	153	138060	21.353 ng/ul	97
51) 2,4-Dinitrophenol	14.87	184	20019	18.711 ng/ul	95
53) 4-Nitrophenol	15.02	109	30126	19.930 ng/ul	93
54) Dibenzofuran	15.14	168	201860	21.392 ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	53291	21.656 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.38	232	51178	20.904 ng/ul	93
57) Diethylphthalate	15.55	149	169836	20.198 ng/ul	99
59) Fluorene	15.79	166	160003	20.974 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.77	204	94976	20.752 ng/ul	97
61) 4-Nitroaniline	15.83	138	38123m	23.453 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.88	198	32410	21.062 ng/ul#	92
65) N-Nitrosodiphenylamine	16.00	169	142937	22.112 ng/ul	96
66) 4-Bromophenyl-phenylether	16.67	248	64491	21.663 ng/ul	97
67) Hexachlorobenzene	16.80	284	67789	21.483 ng/ul	96
68) Atrazine	16.95	200	55864	19.326 ng/ul	96
69) Pentachlorophenol	17.15	266	36522	20.728 ng/ul	94
70) Phenanthrene	17.53	178	272522	21.536 ng/ul	99
72) Anthracene	17.62	178	277069	21.706 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	88116	23.415 ng/uL	94
74) Pentachlorobenzene	15.06	250	82674	22.405 ng/uL	96
75) Carbazole	17.91	167	240035	22.485 ng/ul	97
76) Di-n-butylphthalate	18.43	149	285585	21.932 ng/ul	98
77) Fluoranthene	19.53	202	335281	21.731 ng/ul	99
80) Pyrene	19.90	202	339323	20.850 ng/ul	99
81) Butylbenzylphthalate	20.77	149	124020	21.777 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.67	252	118927	22.190 ng/ul	96
83) Benzo(a)anthracene	21.75	228	346181	21.153 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	169548	20.504 ng/ul	98
85) Chrysene	21.82	228	332239	21.242 ng/ul	97
87) Di-n-octyl phthalate	22.86	149	290425	22.103 ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	340836	21.211 ng/ul	100
89) Benzo(k)fluoranthene	24.08	252	342520	21.765 ng/ul	98
91) Benzo(a)pyrene	24.91	252	306814	21.701 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.83	276	393498	21.756 ng/ul	97
93) Dibenzo(a,h)anthracene	28.89	278	329567	21.790 ng/ul	99
94) Benzo(g,h,i)perylene	30.01	276	316063	21.014 ng/ul	98

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

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