Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
Data File : BG048153.D
Acq On : 12 Feb 2021 18:07
Operator : CG/JU
Sample : SSTD02028
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02028

Manual Integrations APPROVED
mohammad
2/15/2021 11:32:11 AM

Quant Time: Feb 12 23:02:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:47:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	209438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	155277	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	390567	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	410409	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	418775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	9627m	9.66	ng/uL	0.00
5) Phenol-d5	7.25	99	85786	18.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	53875	23.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	63353	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	69056	19.15	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	31603	18.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	37835	18.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	72347	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	82681	20.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	229883	17.04	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	282089	18.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	39361	19.68	ng/ul	0.00
58) Fluorene-d10	15.71	176	201517	16.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	46020	17.41	ng/ul	0.00
71) Anthracene-d10	17.56	188	339706	17.44	ng/ul	0.00
79) Pyrene-d10	19.84	212	412788	17.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	417639	17.07	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	11447	11.134	ng/uL#	79
4) Benzaldehyde	7.24	77	66426	27.552	ng/ul	95
6) Phenol	7.28	94	92233	21.488	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.51	93	69509	23.274	ng/ul	92
10) 2-Chlorophenol	7.66	128	67533	19.908	ng/ul	95
11) 2-Methylphenol	8.53	108	64009	18.761	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.63	45	92166	32.950	ng/ul#	92
14) Acetophenone	8.92	105	115286	20.264	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.90	70	65308	20.772	ng/ul	95
16) 4-Methylphenol	8.86	108	71593	19.644	ng/ul	93
17) Hexachloroethane	9.19	117	29364	17.706	ng/ul	94
20) Nitrobenzene	9.30	77	93145	17.237	ng/ul	97
21) Isophorone	9.83	82	168470	18.143	ng/ul	97
23) 2-Nitrophenol	10.02	139	38318	18.203	ng/ul	93
24) 2,4-Dimethylphenol	10.07	107	87873	17.430	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.31	93	95508	22.455	ng/ul	97
27) 2,4-Dichlorophenol	10.55	162	70962	18.774	ng/ul	99
28) Naphthalene	10.96	128	208871	17.884	ng/ul	97
30) 4-Chloroaniline	11.07	127	84537	22.289	ng/ul	90
31) Hexachlorobutadiene	11.25	225	59931	14.520	ng/ul	99
32) Caprolactam	11.81	113	24218m	19.019	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	76336	16.588	ng/ul	98
34) 2-Methylnaphthalene	12.56	142	158785	17.647	ng/ul	97

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35) 1-Methylnaphthalene	12.78	142	155350	14.892	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	111915	18.136	ng/ul	92
38) Hexachlorocyclopentadiene	12.91	237	68817	15.972	ng/ul	94
39) 2,4,6-Trichlorophenol	13.16	196	68537	17.010	ng/ul	100
40) 2,4,5-Trichlorophenol	13.23	196	74245	17.814	ng/ul	98
41) 1,1'-Biphenyl	13.56	154	212604	18.189	ng/ul	97
42) 2-Chloronaphthalene	13.60	162	173784	18.363	ng/ul	97
43) 2-Nitroaniline	13.80	65	61685	18.240	ng/ul	91
45) Dimethylphthalate	14.17	163	240211	17.581	ng/ul#	98
46) 2,6-Dinitrotoluene	14.29	165	49234	16.845	ng/ul	99
48) Acenaphthylene	14.45	152	251919	17.629	ng/ul	99
49) 3-Nitroaniline	14.62	138	47077	23.607	ng/ul#	91
50) Acenaphthene	14.79	153	185315	18.348	ng/ul	97
51) 2,4-Dinitrophenol	14.82	184	26865	15.921	ng/ul#	89
53) 4-Nitrophenol	14.92	109	43822	13.311	ng/ul	97
54) Dibenzofuran	15.12	168	274227	18.609	ng/ul	97
55) 2,4-Dinitrotoluene	15.07	165	70977	17.211	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.34	232	72177	18.512	ng/ul#	97
57) Diethylphthalate	15.53	149	247895	18.589	ng/ul	100
59) Fluorene	15.77	166	219911	17.453	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	133390	16.939	ng/ul	93
61) 4-Nitroaniline	15.78	138	51694	23.235	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	46395	17.405	ng/ul#	93
65) N-Nitrosodiphenylamine	15.97	169	200354	18.610	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	91095	18.086	ng/ul	95
67) Hexachlorobenzene	16.77	284	95391	17.366	ng/ul	91
68) Atrazine	16.91	200	92576	18.560	ng/ul	92
69) Pentachlorophenol	17.11	266	50307	21.182	ng/ul#	90
70) Phenanthrene	17.51	178	390660	18.455	ng/ul	100
72) Anthracene	17.60	178	396004	18.767	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	115130	18.812	ng/uL	97
74) Pentachlorobenzene	15.04	250	113539	18.610	ng/uL	98
75) Carbazole	17.86	167	344373	20.465	ng/ul	97
76) Di-n-butylphthalate	18.42	149	409241	19.038	ng/ul	96
77) Fluoranthene	19.51	202	514137	19.088	ng/ul#	98
80) Pyrene	19.87	202	508373	17.032	ng/ul	99
81) Butylbenzylphthalate	20.76	149	178888	18.012	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	185143	19.740	ng/ul	99
83) Benzo(a)anthracene	21.72	228	512134	17.466	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.62	149	261309	18.747	ng/ul	98
85) Chrysene	21.78	228	487657	17.622	ng/ul	98
87) Di-n-octyl phthalate	22.85	149	441204	19.991	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	517527	17.703	ng/ul	94
89) Benzo(k)fluoranthene	24.03	252	513266	17.716	ng/ul	99
91) Benzo(a)pyrene	24.84	252	454612	17.245	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.71	276	588136	18.294	ng/ul	96
93) Dibenzo(a,h)anthracene	28.78	278	488141	18.115	ng/ul#	96
94) Benzo(g,h,i)perylene	29.88	276	487374	18.465	ng/ul	99

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

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