Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072720\
Data File : BG046092.D
Acq On : 27 Jul 2020 17:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
mohammad
7/28/2020 11:42:55 AM

Quant Time: Jul 27 19:00:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 15:44:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	94141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	393962	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	271241	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	634616	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	629566	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	671525	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	14427	7.57	ng/uL	0.00
5) Phenol-d5	7.12	99	150406	20.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	93544	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	120835	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	125999	20.22	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	58831	21.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	63008	22.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	134623	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	151813	20.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	433950	20.51	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	515883	20.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	71256	20.62	ng/ul	0.00
58) Fluorene-d10	15.58	176	398177	20.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	64526	20.32	ng/ul	0.00
71) Anthracene-d10	17.42	188	603348	20.62	ng/ul	0.00
79) Pyrene-d10	19.71	212	708762	21.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	758366	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	16947	7.261	ng/uL	95
4) Benzaldehyde	7.10	77	105492	20.029	ng/ul	97
6) Phenol	7.15	94	158786	20.867	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	130593	20.969	ng/ul	98
10) 2-Chlorophenol	7.53	128	124576	20.782	ng/ul	99
11) 2-Methylphenol	8.40	108	122863	20.038	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.49	45	222218	21.112	ng/ul	99
14) Acetophenone	8.78	105	193402	21.031	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.76	70	102827	20.666	ng/ul	99
16) 4-Methylphenol	8.73	108	135175	20.577	ng/ul	91
17) Hexachloroethane	9.05	117	53334	20.967	ng/ul	93
20) Nitrobenzene	9.16	77	147483	20.638	ng/ul	99
21) Isophorone	9.68	82	292756	20.963	ng/ul	99
23) 2-Nitrophenol	9.87	139	71413	22.439	ng/ul	95
24) 2,4-Dimethylphenol	9.93	107	143154	20.298	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.16	93	179419	20.310	ng/ul	99
27) 2,4-Dichlorophenol	10.40	162	133342	21.026	ng/ul	97
28) Naphthalene	10.81	128	428308	20.315	ng/ul	99
30) 4-Chloroaniline	10.91	127	151520	21.740	ng/ul	97
31) Hexachlorobutadiene	11.11	225	102362	20.975	ng/ul	94
32) Caprolactam	11.65	113	43389m	20.296	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	136921	21.057	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	323261	20.394	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	317472	20.280	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	189879	20.249	ng/ul	99
38) Hexachlorocyclopentadiene	12.77	237	109694	20.431	ng/ul	99
39) 2,4,6-Trichlorophenol	13.02	196	114342	20.860	ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	125718	21.098	ng/ul	99
41) 1,1'-Biphenyl	13.42	154	423693	20.189	ng/ul	96
42) 2-Chloronaphthalene	13.46	162	342820	20.474	ng/ul	98
43) 2-Nitroaniline	13.66	65	87726	22.226	ng/ul	99
45) Dimethylphthalate	14.04	163	442040	20.835	ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	89907	22.222	ng/ul	98
48) Acenaphthylene	14.31	152	528204	20.562	ng/ul	100
49) 3-Nitroaniline	14.48	138	79425	20.840	ng/ul	98
50) Acenaphthene	14.65	153	375753	20.316	ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	34291	19.146	ng/ul	96
53) 4-Nitrophenol	14.79	109	50880	20.523	ng/ul	96
54) Dibenzofuran	14.99	168	518281	20.549	ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	131407	22.807	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	118498	21.328	ng/ul	95
57) Diethylphthalate	15.41	149	443900	21.182	ng/ul	99
59) Fluorene	15.63	166	434676	20.323	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	232982	20.734	ng/ul	97
61) 4-Nitroaniline	15.64	138	91838	21.615	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.70	198	69606	20.574	ng/ul	100
65) N-Nitrosodiphenylamine	15.84	169	379297	20.555	ng/ul	98
66) 4-Bromophenyl-phenylether	16.53	248	161497	20.478	ng/ul	95
67) Hexachlorobenzene	16.64	284	180611	20.289	ng/ul	99
68) Atrazine	16.79	200	152943	20.734	ng/ul	97
69) Pentachlorophenol	16.98	266	93147	19.631	ng/ul	95
70) Phenanthrene	17.37	178	726616	20.515	ng/ul	100
72) Anthracene	17.46	178	729431	20.670	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	193372	20.291	ng/uL	97
74) Pentachlorobenzene	14.91	250	195201	20.283	ng/uL	99
75) Carbazole	17.72	167	641183	22.642	ng/ul	99
76) Di-n-butylphthalate	18.30	149	748620	21.485	ng/ul	100
77) Fluoranthene	19.38	202	915764	23.572	ng/ul	98
80) Pyrene	19.74	202	897739	21.089	ng/ul	99
81) Butylbenzylphthalate	20.63	149	322338	22.060	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.47	252	293040	21.686	ng/ul	99
83) Benzo(a)anthracene	21.56	228	872166	21.036	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	464565	21.856	ng/ul	99
85) Chrysene	21.62	228	843044	20.917	ng/ul	100
87) Di-n-octyl phthalate	22.67	149	785673	22.391	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	927135	20.436	ng/ul	98
89) Benzo(k)fluoranthene	23.78	252	915757	20.558	ng/ul	98
91) Benzo(a)pyrene	24.55	252	853165	20.507	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.22	276	1053786	20.282	ng/ul	100
93) Dibenzo(a,h)anthracene	28.27	278	855727	20.132	ng/ul	99
94) Benzo(g,h,i)perylene	29.31	276	889237	20.249	ng/ul	99

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

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