Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100620\
Data File : BG046789.D
Acq On : 6 Oct 2020 8:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020001

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:12 AM

Quant Time: Oct 06 11:37:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 10:28:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	78411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	320220	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.730	164	233823	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	552465	20.00	ng/ul	0.00
78) Chrysene-d12	21.751	240	577611	20.00	ng/ul	0.00
86) Perylene-d12	25.024	264	585514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.526	96	10539	6.30	ng/uL	0.00
5) Phenol-d5	7.251	99	117683	17.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.427	67	69282	16.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	89039	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.802	113	92591	17.87	ng/ul	0.00
19) Nitrobenzene-d5	9.266	128	43026	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	48643	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	101574	18.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.046	131	122017	18.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.131	166	305067	17.25	ng/ul	0.00
47) Acenaphthylene-d8	14.425	160	361853	17.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.907	143	51911	18.42	ng/ul	0.00
58) Fluorene-d10	15.723	176	284149	17.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	51009	20.43	ng/ul	0.00
71) Anthracene-d10	17.574	188	434055	17.13	ng/ul	0.00
79) Pyrene-d10	19.854	212	533875	17.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.795	264	552481	17.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	12418	6.49	ng/uL	97
4) Benzaldehyde	7.245	77	85746	18.32	ng/ul	97
6) Phenol	7.280	94	122685	17.62	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.521	93	94128	17.38	ng/ul	96
10) 2-Chlorophenol	7.668	128	89459	18.22	ng/ul	95
11) 2-Methylphenol	8.543	108	91729	17.66	ng/ul	100
12) 2,2'-oxybis(1-Chloropr...	8.637	45	140102	16.33	ng/ul	95
14) Acetophenone	8.931	105	148959	17.55	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.914	70	78876	16.83	ng/ul#	96
16) 4-Methylphenol	8.867	108	95820	17.62	ng/ul	92
17) Hexachloroethane	9.201	117	36584	16.48	ng/ul	87
20) Nitrobenzene	9.313	77	124792	20.80	ng/ul	94
21) Isophorone	9.836	82	218680	16.32	ng/ul	98
23) 2-Nitrophenol	10.030	139	53241	22.18	ng/ul#	89
24) 2,4-Dimethylphenol	10.077	107	112687	17.41	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.318	93	125835	16.31	ng/ul	99
27) 2,4-Dichlorophenol	10.559	162	100570	18.88	ng/ul	99
28) Naphthalene	10.976	128	302301	17.15	ng/ul	99
30) 4-Chloroaniline	11.070	127	118054	18.31	ng/ul	98
31) Hexachlorobutadiene	11.258	225	82761	17.39	ng/ul	95
32) Caprolactam	11.816	113	32492m	17.12	ng/ul	
33) 4-Chloro-3-methylphenol	12.180	107	108594	18.29	ng/ul	96
34) 2-Methylnaphthalene	12.568	142	224688	17.31	ng/ul	99
35) 1-Methylnaphthalene	12.786	142	216190	17.17	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.932	216	155686	18.11	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.915	237	70138	12.78	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.167	196	94272	19.39	ng/ul#	93
40) 2,4,5-Trichlorophenol	13.238	196	99732	19.53	ng/ul	87
41) 1,1'-Biphenyl	13.567	154	304929	16.82	ng/ul	98
42) 2-Chloronaphthalene	13.614	162	248024	17.23	ng/ul	95
43) 2-Nitroaniline	13.808	65	76089	22.98	ng/ul	98
45) Dimethylphthalate	14.178	163	308625	16.90	ng/ul	99
46) 2,6-Dinitrotoluene	14.301	165	65140	22.48	ng/ul	95
48) Acenaphthylene	14.454	152	361093	17.06	ng/ul	97
49) 3-Nitroaniline	14.625	138	60874	21.05	ng/ul	85
50) Acenaphthene	14.795	153	252306	16.84	ng/ul	98
51) 2,4-Dinitrophenol	14.830	184	31837	18.78	ng/ul	91
53) 4-Nitrophenol	14.918	109	57687	20.75	ng/ul	91
54) Dibenzofuran	15.130	168	378797	17.23	ng/ul	98
55) 2,4-Dinitrotoluene	15.083	165	91768	23.24	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.347	232	96933	20.19	ng/ul#	97
57) Diethylphthalate	15.541	149	307599	17.04	ng/ul	95
59) Fluorene	15.782	166	301746	16.67	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.770	204	169413	16.57	ng/ul	100
61) 4-Nitroaniline	15.782	138	67471	20.38	ng/ul#	80
64) 4,6-Dinitro-2-methylph...	15.841	198	53812	19.62	ng/ul#	93
65) N-Nitrosodiphenylamine	15.976	169	271119	17.08	ng/ul	95
66) 4-Bromophenyl-phenylether	16.663	248	123694	17.87	ng/ul	94
67) Hexachlorobenzene	16.781	284	124517	22.01	ng/ul	99
68) Atrazine	16.922	200	114884	17.63	ng/ul	94
69) Pentachlorophenol	17.122	266	74331	17.84	ng/ul#	84
70) Phenanthrene	17.521	178	519158	17.13	ng/ul	97
72) Anthracene	17.609	178	522850	17.13	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.538	216	152066	17.72	ng/uL	97
74) Pentachlorobenzene	15.048	250	149385	16.98	ng/uL	98
75) Carbazole	17.874	167	443009	18.03	ng/ul	98
76) Di-n-butylphthalate	18.432	149	524945	17.51	ng/ul	99
77) Fluoranthene	19.519	202	660377	17.31	ng/ul	100
80) Pyrene	19.883	202	650832	17.51	ng/ul	99
81) Butylbenzylphthalate	20.764	149	233709	17.89	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.640	252	248318	18.74	ng/ul	99
83) Benzo(a)anthracene	21.728	228	678207	17.80	ng/ul	97
84) Bis(2-ethylhexyl)phtha...	21.640	149	346847	18.04	ng/ul	97
85) Chrysene	21.798	228	639392	17.37	ng/ul	98
87) Di-n-octyl phthalate	22.874	149	596112	18.37	ng/ul	100
88) Benzo(b)fluoranthene	23.984	252	670404m	17.31	ng/ul	
89) Benzo(k)fluoranthene	24.049	252	664169	17.53	ng/ul	98
91) Benzo(a)pyrene	24.871	252	617144	17.33	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.755	276	754645	17.46	ng/ul	97
93) Dibenzo(a,h)anthracene	28.820	278	631832	17.63	ng/ul	99
94) Benzo(g,h,i)perylene	29.924	276	630570m	17.50	ng/ul	

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

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