Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046069.D
Acq On : 24 Jul 2020 18:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

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Quant Time: Jul 24 18:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	85060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	366227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	252328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	588710	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	590131	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	611736	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13569	7.88	ng/uL	0.00
5) Phenol-d5	7.12	99	142596	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	86137	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	111784	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	117017	20.78	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	54067	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	59665	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	124026	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	137810	20.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	406938	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	487443	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	66043	20.55	ng/ul	0.00
58) Fluorene-d10	15.58	176	375550	20.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	58897	19.99	ng/ul	0.00
71) Anthracene-d10	17.42	188	561415	20.68	ng/ul	0.00
79) Pyrene-d10	19.71	212	657393	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	697570	20.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	17090	8.104	ng/uL	91
4) Benzaldehyde	7.10	77	99113	20.827	ng/ul	97
6) Phenol	7.15	94	145851	21.214	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.38	93	119899	21.307	ng/ul	99
10) 2-Chlorophenol	7.53	128	113789	21.009	ng/ul	98
11) 2-Methylphenol	8.41	108	115682	20.881	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.49	45	206443	21.707	ng/ul	99
14) Acetophenone	8.78	105	177759	21.394	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.76	70	96495	21.463	ng/ul	98
16) 4-Methylphenol	8.73	108	126526	21.317	ng/ul	94
17) Hexachloroethane	9.05	117	48427	21.070	ng/ul	99
20) Nitrobenzene	9.16	77	137141	20.644	ng/ul	99
21) Isophorone	9.68	82	270790	20.858	ng/ul	96
23) 2-Nitrophenol	9.87	139	66011	22.312	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	133372	20.344	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.17	93	165311	20.130	ng/ul	99
27) 2,4-Dichlorophenol	10.40	162	122487	20.777	ng/ul	95
28) Naphthalene	10.81	128	393668	20.086	ng/ul	98
30) 4-Chloroaniline	10.91	127	137150	21.168	ng/ul	95
31) Hexachlorobutadiene	11.11	225	91570	20.185	ng/ul	96
32) Caprolactam	11.66	113	40129m	20.192	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	127850	21.151	ng/ul	99
34) 2-Methylnaphthalene	12.42	142	302957	20.560	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	299942	20.611 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	175424	20.110 ng/ul	99
38) Hexachlorocyclopentadiene	12.77	237	100086	20.039 ng/ul	98
39) 2,4,6-Trichlorophenol	13.02	196	108180	21.215 ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	116801	21.071 ng/ul	97
41) 1,1'-Biphenyl	13.42	154	393905	20.177 ng/ul	95
42) 2-Chloronaphthalene	13.46	162	319941	20.540 ng/ul	99
43) 2-Nitroaniline	13.66	65	80613	21.954 ng/ul	97
45) Dimethylphthalate	14.04	163	413672	20.960 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	82591	21.944 ng/ul	97
48) Acenaphthylene	14.31	152	490742	20.536 ng/ul	99
49) 3-Nitroaniline	14.48	138	72317	20.397 ng/ul	97
50) Acenaphthene	14.65	153	350600	20.377 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	30453	18.278 ng/ul#	85
53) 4-Nitrophenol	14.79	109	47872	20.757 ng/ul	93
54) Dibenzofuran	14.99	168	481670	20.528 ng/ul	99
55) 2,4-Dinitrotoluene	14.94	165	119855	22.362 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.22	232	111694	21.610 ng/ul	95
57) Diethylphthalate	15.41	149	414197	21.246 ng/ul	99
59) Fluorene	15.64	166	405670	20.388 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	214404	20.510 ng/ul	94
61) 4-Nitroaniline	15.64	138	82588	20.895 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.70	198	64650	20.600 ng/ul	99
65) N-Nitrosodiphenylamine	15.84	169	353042	20.624 ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	149204	20.395 ng/ul	93
67) Hexachlorobenzene	16.64	284	168071	20.352 ng/ul	98
68) Atrazine	16.79	200	141143	20.626 ng/ul	98
69) Pentachlorophenol	16.98	266	85685	19.467 ng/ul	94
70) Phenanthrene	17.37	178	674294	20.523 ng/ul	99
72) Anthracene	17.46	178	675169	20.624 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	179769	20.335 ng/uL	97
74) Pentachlorobenzene	14.91	250	181883	20.372 ng/uL	96
75) Carbazole	17.72	167	585148	22.274 ng/ul	99
76) Di-n-butylphthalate	18.30	149	686092	21.226 ng/ul	100
77) Fluoranthene	19.37	202	843190	23.396 ng/ul	99
80) Pyrene	19.74	202	832727	20.869 ng/ul	99
81) Butylbenzylphthalate	20.64	149	293501	21.429 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.48	252	269747	21.296 ng/ul	98
83) Benzo(a)anthracene	21.56	228	808868	20.813 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	429663	21.565 ng/ul	98
85) Chrysene	21.62	228	788285	20.865 ng/ul	99
87) Di-n-octyl phthalate	22.68	149	724588	22.668 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	848913	20.541 ng/ul	99
89) Benzo(k)fluoranthene	23.78	252	845625	20.839 ng/ul	99
91) Benzo(a)pyrene	24.55	252	789557	20.833 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.21	276	971970	20.536 ng/ul	99
93) Dibenzo(a,h)anthracene	28.28	278	793348	20.489 ng/ul	99
94) Benzo(g,h,i)perylene	29.31	276	819518	20.485 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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