Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047698.D
Acq On : 10 Dec 2020 10:21
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
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12/10/2020 2:42:20 PM

Quant Time: Dec 10 11:07:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30866	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	112011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	86177	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	221478	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	208616	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	226455	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5082	8.77	ng/uL	-0.01
5) Phenol-d5	7.35	99	49762	18.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	26392	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	37666	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	37370	17.82	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	17054	18.67	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	21783	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	45201	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	42318	19.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	138584	18.51	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	160007	18.72	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	20711	18.66	ng/ul	0.00
58) Fluorene-d10	15.82	176	131071	19.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	26121	17.42	ng/ul	0.00
71) Anthracene-d10	17.67	188	212849	19.27	ng/ul	0.00
79) Pyrene-d10	19.94	212	237831	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	238767	18.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	4377	7.322	ng/uL#	73
4) Benzaldehyde	7.34	77	23911	17.057	ng/ul	97
6) Phenol	7.38	94	47879	19.184	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	33363	19.213	ng/ul	91
10) 2-Chlorophenol	7.77	128	37132	18.826	ng/ul#	89
11) 2-Methylphenol	8.65	108	35952	18.123	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.73	45	29547m	18.167	ng/ul	
14) Acetophenone	9.04	105	59555	18.004	ng/ul#	85
15) N-Nitroso-di-n-propylamine	9.02	70	32998	18.051	ng/ul#	94
16) 4-Methylphenol	8.97	108	38462	18.150	ng/ul	97
17) Hexachloroethane	9.31	117	18541	19.228	ng/ul	91
20) Nitrobenzene	9.42	77	51836	17.936	ng/ul#	96
21) Isophorone	9.95	82	92550	18.637	ng/ul	94
23) 2-Nitrophenol	10.14	139	22850	20.297	ng/ul#	83
24) 2,4-Dimethylphenol	10.19	107	51177	18.981	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.42	93	42787	18.810	ng/ul	92
27) 2,4-Dichlorophenol	10.68	162	41570	20.564	ng/ul	93
28) Naphthalene	11.09	128	120755	19.333	ng/ul	97
30) 4-Chloroaniline	11.19	127	39376	19.412	ng/ul	95
31) Hexachlorobutadiene	11.37	225	40689	18.432	ng/ul	94
32) Caprolactam	11.94	113	12174m	17.876	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	47234	19.192	ng/ul	93
34) 2-Methylnaphthalene	12.68	142	90791	18.867	ng/ul	85

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	106502	19.089 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	67904	19.828 ng/ul	97
38) Hexachlorocyclopentadiene	13.02	237	35967	15.041 ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	43325	19.374 ng/ul	96
40) 2,4,5-Trichlorophenol	13.35	196	46542	20.122 ng/ul#	76
41) 1,1'-Biphenyl	13.67	154	123503	19.038 ng/ul	98
42) 2-Chloronaphthalene	13.72	162	101268	19.280 ng/ul	96
43) 2-Nitroaniline	13.91	65	34304	18.277 ng/ul	97
45) Dimethylphthalate	14.28	163	135220	17.833 ng/ul#	96
46) 2,6-Dinitrotoluene	14.40	165	29951	18.464 ng/ul#	83
48) Acenaphthylene	14.56	152	148724	18.753 ng/ul#	95
49) 3-Nitroaniline	14.73	138	21151	19.111 ng/ul#	93
50) Acenaphthene	14.90	153	102409	18.270 ng/ul	98
51) 2,4-Dinitrophenol	14.93	184	14698	15.695 ng/ul#	86
53) 4-Nitrophenol	15.02	109	34447	18.853 ng/ul	94
54) Dibenzofuran	15.23	168	152251	18.616 ng/ul	90
55) 2,4-Dinitrotoluene	15.18	165	42929	18.756 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.45	232	41395	19.130 ng/ul	95
57) Diethylphthalate	15.63	149	133473	18.034 ng/ul	96
59) Fluorene	15.88	166	129209	18.477 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.86	204	79740	18.246 ng/ul	95
61) 4-Nitroaniline	15.88	138	21363	17.302 ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.95	198	27988	18.516 ng/ul#	89
65) N-Nitrosodiphenylamine	16.07	169	120095	19.672 ng/ul	95
66) 4-Bromophenyl-phenylether	16.76	248	54756	19.171 ng/ul	91
67) Hexachlorobenzene	16.88	284	61564	19.764 ng/ul	100
68) Atrazine	17.01	200	55717	19.699 ng/ul#	86
69) Pentachlorophenol	17.22	266	28701	21.310 ng/ul#	85
70) Phenanthrene	17.61	178	230836	19.230 ng/ul	98
72) Anthracene	17.71	178	228605	19.105 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	69273	19.961 ng/uL	96
74) Pentachlorobenzene	15.15	250	67539	19.522 ng/uL	98
75) Carbazole	17.97	167	181985	19.071 ng/ul	94
76) Di-n-butylphthalate	18.51	149	221638	18.182 ng/ul	98
77) Fluoranthene	19.61	202	296286	19.398 ng/ul#	99
80) Pyrene	19.97	202	287955	18.979 ng/ul	99
81) Butylbenzylphthalate	20.83	149	93847	18.590 ng/ul	91
82) 3,3'-Dichlorobenzidine	21.73	252	86014	18.042 ng/ul	92
83) Benzo(a)anthracene	21.83	228	281340	18.877 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.71	149	131379	18.543 ng/ul	99
85) Chrysene	21.90	228	264888	18.831 ng/ul	96
87) Di-n-octyl phthalate	22.97	149	214829	18.001 ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	285797	18.079 ng/ul#	97
89) Benzo(k)fluoranthene	24.21	252	284172	18.139 ng/ul	94
91) Benzo(a)pyrene	25.05	252	256459	17.990 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.08	276	316646	18.214 ng/ul#	99
93) Dibenzo(a,h)anthracene	29.13	278	267927m	18.387 ng/ul	
94) Benzo(g,h,i)perylene	30.28	276	267249	18.724 ng/ul#	95

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

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