Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
Data File : BG047736.D
Acq On : 14 Dec 2020 15:24
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020002

Quant Time: Dec 14 16:33:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	25208	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	96253	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	72079	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	195766	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	220942	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	229895	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4373	7.63	ng/uL	0.00
4) Pyridine-d5	3.95	84	33352	20.50	ng/ul	0.00
7) Phenol-d5	7.34	99	42683	20.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	22626	20.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	31147	19.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	33774	21.00	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	15748	19.44	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	18950	20.55	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	40203	20.65	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	48035	21.20	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	125120	21.03	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	139934	20.57	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	18766	20.71	ng/ul	0.00
60) Fluorene-d10	15.81	176	114425	20.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	25407	18.96	ng/ul	0.00
73) Anthracene-d10	17.66	188	192978	20.27	ng/ul	0.00
81) Pyrene-d10	19.93	212	240462	20.11	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	265958	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	3897	6.592	ng/uL#	90
5) Pyridine	3.97	79	30673	20.106	ng/ul#	87
6) Benzaldehyde	7.33	77	17781	18.300	ng/ul	88
8) Phenol	7.37	94	40324	19.405	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.60	93	28987	20.057	ng/ul	93
12) 2-Chlorophenol	7.76	128	33205	20.929	ng/ul	99
13) 2-Methylphenol	8.64	108	32084	20.295	ng/ul	85
14) 2,2'-oxybis(1-Chloropropan	8.73	45	28004	20.819	ng/ul	93
16) Acetophenone	9.03	105	57178	21.166	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.00	70	29095	19.615	ng/ul#	88
18) 4-Methylphenol	8.96	108	35277	20.335	ng/ul	96
19) Hexachloroethane	9.31	117	15693	20.200	ng/ul	88
22) Nitrobenzene	9.41	77	49180	20.393	ng/ul#	88
23) Isophorone	9.94	82	84762	20.236	ng/ul	98
25) 2-Nitrophenol	10.13	139	19728	20.479	ng/ul	94
26) 2,4-Dimethylphenol	10.18	107	46798	20.695	ng/ul	89
27) Bis(2-Chloroethoxy)methane	10.42	93	39664	19.839	ng/ul	99
29) 2,4-Dichlorophenol	10.67	162	36986	20.702	ng/ul	93
30) Naphthalene	11.08	128	108449	20.393	ng/ul	97
32) 4-Chloroaniline	11.18	127	46064	21.262	ng/ul	99
33) Hexachlorobutadiene	11.36	225	38582	20.110	ng/ul	86
34) Caprolactam	11.93	113	12155m	20.085	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	40558	20.596 ng/ul#	76
36) 2-Methylnaphthalene	12.67	142	82163	20.475 ng/ul	97
37) 1-Methylnaphthalene	12.89	142	82495	21.516 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	60388	20.343 ng/ul	96
40) Hexachlorocyclopentadiene	13.01	237	38079	19.565 ng/ul#	93
41) 2,4,6-Trichlorophenol	13.27	196	36548	20.532 ng/ul	98
42) 2,4,5-Trichlorophenol	13.34	196	37334	19.803 ng/ul	96
43) 1,1'-Biphenyl	13.67	154	114473	20.561 ng/ul	98
44) 2-Chloronaphthalene	13.71	162	90814	20.723 ng/ul	97
45) 2-Nitroaniline	13.90	65	31696	21.057 ng/ul	99
47) Dimethylphthalate	14.27	163	127307	20.886 ng/ul	97
48) 2,6-Dinitrotoluene	14.39	165	26839	20.841 ng/ul	100
50) Acenaphthylene	14.55	152	136749	21.334 ng/ul	98
51) 3-Nitroaniline	14.72	138	15277	16.522 ng/ul	94
52) Acenaphthene	14.89	153	95238	20.906 ng/ul	91
53) 2,4-Dinitrophenol	14.92	184	14197	18.584 ng/ul#	74
55) 4-Nitrophenol	15.01	109	32697	21.282 ng/ul	96
56) Dibenzofuran	15.22	168	140736	21.328 ng/ul	100
57) 2,4-Dinitrotoluene	15.17	165	37789	20.474 ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.44	232	36969	21.174 ng/ul#	92
59) Diethylphthalate	15.62	149	125780	20.846 ng/ul	99
61) Fluorene	15.87	166	125817	22.183 ng/ul#	95
62) 4-Chlorophenyl-phenylether	15.85	204	73955	20.848 ng/ul	92
63) 4-Nitroaniline	15.88	138	12412	14.278 ng/ul#	93
66) 4,6-Dinitro-2-methylphenol	15.93	198	26185	19.253 ng/ul#	95
67) N-Nitrosodiphenylamine	16.06	169	108845	19.982 ng/ul	92
68) 4-Bromophenyl-phenylether	16.75	248	50869	20.238 ng/ul	95
69) Hexachlorobenzene	16.87	284	54547	19.768 ng/ul#	91
70) Atrazine	17.00	200	52115	20.083 ng/ul	98
71) Pentachlorophenol	17.21	266	22860	17.626 ng/ul#	90
72) Phenanthrene	17.61	178	214199	20.151 ng/ul	95
74) Anthracene	17.70	178	221783	20.885 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	62760	19.782 ng/uL	98
76) Pentachlorobenzene	15.15	250	61027	19.713 ng/uL	98
77) Carbazole	17.96	167	183420	21.188 ng/ul	100
78) Di-n-butylphthalate	18.50	149	223454	21.046 ng/ul	99
80) Fluoranthene	19.60	202	312288	20.622 ng/ul	99
82) Pyrene	19.96	202	306084	20.474 ng/ul	98
83) Butylbenzylphthalate	20.83	149	107224	20.560 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.72	252	104237	19.161 ng/ul#	92
85) Benzo(a)anthracene	21.82	228	314072	20.139 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	148212	20.618 ng/ul	94
87) Chrysene	21.89	228	300027	20.275 ng/ul	99
89) Di-n-octyl phthalate	22.96	149	252460	20.867 ng/ul	100
90) Benzo(b)fluoranthene	24.20	252	330277	20.554 ng/ul	99
91) Benzo(k)fluoranthene	24.20	252	330277	20.805 ng/ul	98
93) Benzo(a)pyrene	25.03	252	295211	20.832 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.04	276	359801m	20.518 ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	300981	20.667 ng/ul#	97
96) Benzo(g,h,i)perylene	30.25	276	299476	20.736 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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