Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047711.D
Acq On : 11 Dec 2020 11:32
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020005

Manual Integrations APPROVED
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12/14/2020 2:43:56 PM

Quant Time: Dec 11 12:53:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 12:42:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24390	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	93319	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	73455	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	193501	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	204307	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	210768	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4195	8.25	ng/uL	0.00
4) Pyridine-d5	3.96	84	32060	20.39	ng/ul	0.00
7) Phenol-d5	7.34	99	41600	19.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	23754	21.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	32328	20.79	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	33053	19.88	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	15538	20.00	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	19210	20.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	38285	20.42	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	47439	21.31	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	124736	19.99	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	145774	20.38	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	19232	21.15	ng/ul	0.00
60) Fluorene-d10	15.81	176	117080	20.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	26861	21.54	ng/ul	0.00
73) Anthracene-d10	17.66	188	192213	20.49	ng/ul	0.00
81) Pyrene-d10	19.93	212	231294	18.29	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.97	264	246300	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4672m	8.860	ng/uL	
5) Pyridine	3.98	79	28282	18.113	ng/ul	100
6) Benzaldehyde	7.33	77	18126	20.412	ng/ul	100
8) Phenol	7.37	94	40821	20.107	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.61	93	29913	21.020	ng/ul	100
12) 2-Chlorophenol	7.76	128	31156	19.880	ng/ul	100
13) 2-Methylphenol	8.63	108	32547	20.070	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.73	45	26965	20.293	ng/ul	100
16) Acetophenone	9.03	105	55730	20.631	ng/ul	100
17) N-Nitroso-di-n-propylamine	9.00	70	31127	21.189	ng/ul	100
18) 4-Methylphenol	8.96	108	36178	21.334	ng/ul	100
19) Hexachloroethane	9.30	117	15293	20.553	ng/ul	100
22) Nitrobenzene	9.41	77	49680	21.075	ng/ul	100
23) Isophorone	9.94	82	85154	20.545	ng/ul	100
25) 2-Nitrophenol	10.14	139	18787	19.755	ng/ul	100
26) 2,4-Dimethylphenol	10.18	107	46924	21.143	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.42	93	41182	21.937	ng/ul	100
29) 2,4-Dichlorophenol	10.67	162	37170	21.504	ng/ul	100
30) Naphthalene	11.08	128	106529	20.574	ng/ul	100
32) 4-Chloroaniline	11.18	127	45322	21.581	ng/ul	100
33) Hexachlorobutadiene	11.37	225	37375	21.069	ng/ul	100
34) Caprolactam	11.94	113	12152m	20.777	ng/ul	

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35) 4-Chloro-3-methylphenol	12.28	107	40692	20.674	ng/ul	100
36) 2-Methylnaphthalene	12.67	142	82039	20.862	ng/ul	100
37) 1-Methylnaphthalene	12.89	142	77799	20.601	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	60964	20.391	ng/ul	100
40) Hexachlorocyclopentadiene	13.02	237	39192	19.478	ng/ul	100
41) 2,4,6-Trichlorophenol	13.27	196	36346	19.504	ng/ul	100
42) 2,4,5-Trichlorophenol	13.34	196	40728	19.987	ng/ul	100
43) 1,1'-Biphenyl	13.66	154	116092	20.358	ng/ul	100
44) 2-Chloronaphthalene	13.71	162	91615	19.952	ng/ul	100
45) 2-Nitroaniline	13.90	65	33634	21.331	ng/ul	100
47) Dimethylphthalate	14.27	163	129527	19.980	ng/ul	100
48) 2,6-Dinitrotoluene	14.39	165	27550	20.320	ng/ul	100
50) Acenaphthylene	14.55	152	136271	20.264	ng/ul	100
51) 3-Nitroaniline	14.71	138	16342	17.870	ng/ul	100
52) Acenaphthene	14.89	153	96552	19.785	ng/ul	100
53) 2,4-Dinitrophenol	14.93	184	15070	20.100	ng/ul	100
55) 4-Nitrophenol	15.01	109	33235	21.082	ng/ul	100
56) Dibenzofuran	15.23	168	142916	20.186	ng/ul	100
57) 2,4-Dinitrotoluene	15.17	165	39051	20.162	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	37434	19.987	ng/ul	100
59) Diethylphthalate	15.62	149	123661	19.580	ng/ul	100
61) Fluorene	15.87	166	118660	19.836	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.85	204	75359	20.581	ng/ul	100
63) 4-Nitroaniline	15.87	138	13126	14.431	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.94	198	26463	20.082	ng/ul	100
67) N-Nitrosodiphenylamine	16.07	169	108602	20.399	ng/ul	100
68) 4-Bromophenyl-phenylether	16.75	248	50437	19.961	ng/ul	100
69) Hexachlorobenzene	16.87	284	55267	20.535	ng/ul	100
70) Atrazine	17.00	200	53219	21.338	ng/ul	100
71) Pentachlorophenol	17.21	266	22499	17.476	ng/ul	100
72) Phenanthrene	17.61	178	212754	20.489	ng/ul	100
74) Anthracene	17.70	178	214137	20.594	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	63916	20.348	ng/uL	100
76) Pentachlorobenzene	15.14	250	61940	19.789	ng/uL	100
77) Carbazole	17.96	167	177815	21.393	ng/ul	100
78) Di-n-butylphthalate	18.50	149	213015	21.126	ng/ul	100
80) Fluoranthene	19.60	202	294779	19.099	ng/ul	100
82) Pyrene	19.96	202	291795	19.323	ng/ul	100
83) Butylbenzylphthalate	20.83	149	102124	20.266	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.72	252	99026	20.730	ng/ul	100
85) Benzo(a)anthracene	21.82	228	296147	20.419	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.70	149	137702	20.118	ng/ul	100
87) Chrysene	21.88	228	279906	20.364	ng/ul	100
89) Di-n-octyl phthalate	22.96	149	237829	21.637	ng/ul	100
90) Benzo(b)fluoranthene	24.13	252	308563	21.159	ng/ul	100
91) Benzo(k)fluoranthene	24.19	252	305734	21.428	ng/ul	100
93) Benzo(a)pyrene	25.04	252	280784	21.468	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.03	276	332018	20.977	ng/ul	100
95) Dibenzo(a,h)anthracene	29.10	278	270429	20.439	ng/ul	100
96) Benzo(g,h,i)perylene	30.24	276	274350m	21.153	ng/ul	

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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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