Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043104.D
Acq On : 9 Oct 2019 15:48
Operator : JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV31

Manual Integrations APPROVED
mohammad
10/12/2019 7:31:02 AM

Quant Time: Oct 09 17:32:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	190216	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	141607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	332822	20.00	ng/ul	0.00
77) Chrysene-d12	21.70	240	361922	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	419584	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	8268	7.91	ng/uL	0.00
5) Phenol-d5	7.22	99	68522	18.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	39100	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	56266	18.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	57148	17.73	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	27477	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	32995	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	61663	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	62666	18.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	225162	19.78	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	250731	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26673m	17.67	ng/ul	0.00
57) Fluorene-d10	15.67	176	189049	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	39499	18.50	ng/ul	0.00
70) Anthracene-d10	17.52	188	316512	20.13	ng/ul	0.00
78) Pyrene-d10	19.80	212	370455	20.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	414065	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	9591	8.670	ng/uL#	80
4) Benzaldehyde	7.19	77	50129	19.720	ng/ul	96
6) Phenol	7.25	94	69949	18.323	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	50811	18.042	ng/ul	96
10) 2-Chlorophenol	7.62	128	59277	18.798	ng/ul	95
11) 2-Methylphenol	8.50	108	56354	18.333	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	80826	18.806	ng/ul	98
14) Acetophenone	8.88	105	89421	17.463	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	49323	18.454	ng/ul	96
16) 4-Methylphenol	8.83	108	60760	18.161	ng/ul	93
17) Hexachloroethane	9.14	117	24029	17.213	ng/ul	96
20) Nitrobenzene	9.26	77	71457	20.905	ng/ul	97
21) Isophorone	9.77	82	145021	20.784	ng/ul	94
23) 2-Nitrophenol	9.97	139	34372	20.917	ng/ul	98
24) 2,4-Dimethylphenol	10.03	107	74652	20.683	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	76251	20.925	ng/ul	95
27) 2,4-Dichlorophenol	10.51	162	59966	19.676	ng/ul	96
28) Naphthalene	10.91	128	197822	20.359	ng/ul	99
30) 4-Chloroaniline	11.02	127	64336	18.769	ng/ul	96
31) Hexachlorobutadiene	11.20	225	55871	20.500	ng/ul	94
32) Caprolactam	11.79	113	20002m	18.635	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	64839	20.053	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	144343	19.400	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	101245	20.562 ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	62227	19.430 ng/ul	91
38) 2,4,6-Trichlorophenol	13.12	196	58516	20.779 ng/ul	95
39) 2,4,5-Trichlorophenol	13.20	196	63921	18.788 ng/ul	96
40) 1,1'-Biphenyl	13.51	154	204114	19.922 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	159669	20.396 ng/ul	95
42) 2-Nitroaniline	13.76	65	44090	20.202 ng/ul#	77
44) Dimethylphthalate	14.13	163	215138	19.565 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	47250	20.845 ng/ul	97
47) Acenaphthylene	14.40	152	251199	20.184 ng/ul	97
48) 3-Nitroaniline	14.59	138	34932	18.602 ng/ul	95
49) Acenaphthene	14.74	153	178445	20.061 ng/ul	98
50) 2,4-Dinitrophenol	14.79	184	17855	14.737 ng/ul	97
52) 4-Nitrophenol	14.90	109	26534m	16.985 ng/ul	
53) Dibenzofuran	15.08	168	257724	20.190 ng/ul	100
54) 2,4-Dinitrotoluene	15.03	165	65475	19.572 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.30	232	64589	20.445 ng/ul#	96
56) Diethylphthalate	15.48	149	218164	19.171 ng/ul	98
58) Fluorene	15.73	166	214917	19.846 ng/ul	93
59) 4-Chlorophenyl-phenylether	15.71	204	124014	19.936 ng/ul	100
60) 4-Nitroaniline	15.75	138	40820	17.666 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.79	198	42073	19.400 ng/ul	97
64) N-Nitrosodiphenylamine	15.93	169	188235	20.286 ng/ul	99
65) 4-Bromophenyl-phenylether	16.61	248	87807	20.273 ng/ul	96
66) Hexachlorobenzene	16.72	284	99381	20.462 ng/ul	94
67) Atrazine	16.88	200	79979	19.658 ng/ul	98
68) Pentachlorophenol	17.08	266	38339	16.543 ng/ul	98
69) Phenanthrene	17.47	178	346983	20.197 ng/ul	99
71) Anthracene	17.55	178	356364	20.047 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	105026	21.807 ng/uL	96
73) Pentachlorobenzene	15.00	250	108577	20.599 ng/uL	97
74) Carbazole	17.83	167	306486	20.171 ng/ul	99
75) Di-n-butylphthalate	18.38	149	359381	19.261 ng/ul	99
76) Fluoranthene	19.47	202	452654	20.652 ng/ul	99
79) Pyrene	19.83	202	464851	20.885 ng/ul	99
80) Butylbenzylphthalate	20.71	149	165513	19.751 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.59	252	172368	19.579 ng/ul	97
82) Benzo(a)anthracene	21.67	228	488294	20.163 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	240973	20.047 ng/ul	98
84) Chrysene	21.74	228	458498	20.118 ng/ul	99
86) Di-n-octyl phthalate	22.79	149	408228	20.545 ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	496221	19.872 ng/ul	95
88) Benzo(k)fluoranthene	23.96	252	488844	20.032 ng/ul	99
90) Benzo(a)pyrene	24.76	252	478746	20.031 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.56	276	578774	19.979 ng/ul	97
92) Dibenzo(a,h)anthracene	28.63	278	485815	19.766 ng/ul	99
93) Benzo(g,h,i)perylene	29.70	276	483337	19.681 ng/ul	98

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

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