Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047411.D
Acq On : 22 Nov 2020 3:15
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
mohammad
11/24/2020 9:01:20 AM

Quant Time: Nov 23 11:16:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 14:25:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42583	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	171792	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123160	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	285810	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	243546	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	253619	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	6007	5.13	ng/uL	0.00
5) Phenol-d5	7.41	99	78291	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	40837	16.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	54027	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	57215	17.43	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	27883	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	33377	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	69979	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	70376	19.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	198371	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	236676	19.37	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	29034	18.00	ng/ul	0.02
58) Fluorene-d10	15.87	176	178485	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	25557	15.71	ng/ul	0.00
71) Anthracene-d10	17.72	188	274321	19.35	ng/ul	0.00
79) Pyrene-d10	19.98	212	292356	20.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	278532	19.08	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	6489	5.368	ng/uL#	80
4) Benzaldehyde	7.40	77	46215	18.321	ng/ul	99
6) Phenol	7.44	94	75045	18.342	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.68	93	50453	16.705	ng/ul#	83
10) 2-Chlorophenol	7.84	128	54555	18.874	ng/ul#	90
11) 2-Methylphenol	8.70	108	55929	17.596	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.80	45	51446m	16.195	ng/ul	
14) Acetophenone	9.10	105	91059	18.015	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.08	70	51636	16.933	ng/ul#	85
16) 4-Methylphenol	9.03	108	58505	17.538	ng/ul	96
17) Hexachloroethane	9.37	117	25529	18.794	ng/ul	95
20) Nitrobenzene	9.49	77	84259	18.359	ng/ul#	87
21) Isophorone	10.01	82	144384	16.506	ng/ul#	97
23) 2-Nitrophenol	10.20	139	35839	21.292	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	78416	18.353	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.49	93	68113	16.189	ng/ul#	95
27) 2,4-Dichlorophenol	10.74	162	62566	19.879	ng/ul	95
28) Naphthalene	11.16	128	186885	19.207	ng/ul	96
30) 4-Chloroaniline	11.25	127	65339	19.123	ng/ul#	85
31) Hexachlorobutadiene	11.44	225	65574	22.145	ng/ul	97
32) Caprolactam	12.00	113	19914	17.359	ng/ul	91
33) 4-Chloro-3-methylphenol	12.34	107	72147	18.548	ng/ul	97
34) 2-Methylnaphthalene	12.74	142	136099	18.875	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	159318	18.799	ng/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	103171	21.318	ng/ul	96
38) Hexachlorocyclopentadiene	13.08	237	18747	5.567	ng/ul	95
39) 2,4,6-Trichlorophenol	13.33	196	65265	21.716	ng/ul	99
40) 2,4,5-Trichlorophenol	13.40	196	69056	22.132	ng/ul	92
41) 1,1'-Biphenyl	13.73	154	188934	19.777	ng/ul	95
42) 2-Chloronaphthalene	13.78	162	148872	19.659	ng/ul	99
43) 2-Nitroaniline	13.96	65	51244	18.605	ng/ul	95
45) Dimethylphthalate	14.33	163	195774	18.153	ng/ul	98
46) 2,6-Dinitrotoluene	14.45	165	40472	19.597	ng/ul#	97
48) Acenaphthylene	14.62	152	216465	19.060	ng/ul	98
49) 3-Nitroaniline	14.77	138	33549	20.803	ng/ul	94
50) Acenaphthene	14.95	153	153259	19.239	ng/ul	90
51) 2,4-Dinitrophenol	14.97	184	15619	14.193	ng/ul#	75
53) 4-Nitrophenol	15.06	109	45837	19.627	ng/ul	84
54) Dibenzofuran	15.28	168	218661	18.688	ng/ul	96
55) 2,4-Dinitrotoluene	15.23	165	56649	19.333	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.50	232	63954	21.402	ng/ul#	90
57) Diethylphthalate	15.68	149	191510	18.101	ng/ul	99
59) Fluorene	15.93	166	181699	18.433	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.91	204	108846	18.383	ng/ul	92
61) 4-Nitroaniline	15.93	138	36720	19.447	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.99	198	26826	15.757	ng/ul	96
65) N-Nitrosodiphenylamine	16.12	169	160499	19.673	ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	74407	20.493	ng/ul	97
67) Hexachlorobenzene	16.92	284	79495	20.930	ng/ul	90
68) Atrazine	17.05	200	71015	19.777	ng/ul	90
69) Pentachlorophenol	17.26	266	46668	21.007	ng/ul	95
70) Phenanthrene	17.67	178	294994	19.113	ng/ul	97
72) Anthracene	17.75	178	301723	19.412	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	103877	23.121	ng/uL	96
74) Pentachlorobenzene	15.20	250	96896	22.432	ng/uL	98
75) Carbazole	18.01	167	242456	19.337	ng/ul#	96
76) Di-n-butylphthalate	18.56	149	290263	18.175	ng/ul	99
77) Fluoranthene	19.65	202	366180	18.786	ng/ul	99
80) Pyrene	20.02	202	357379	20.716	ng/ul#	96
81) Butylbenzylphthalate	20.88	149	116657	19.253	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.78	252	91741	16.136	ng/ul#	93
83) Benzo(a)anthracene	21.88	228	337178	19.458	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	155996	18.471	ng/ul	96
85) Chrysene	21.95	228	322317	19.546	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	265580	18.907	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	335748	18.750	ng/ul	96
89) Benzo(k)fluoranthene	24.29	252	344185m	19.504	ng/ul	
91) Benzo(a)pyrene	25.14	252	309436	19.385	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.22	276	368264m	18.966	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	307530	19.317	ng/ul	95
94) Benzo(g,h,i)perylene	30.44	276	291615	18.201	ng/ul#	92

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

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