Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046076.D
Acq On : 24 Jul 2020 23:03
Operator : CG/JU
Sample : SSTDCCC020EC
Misc : MDL-SOILME-03
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
mohammad
7/27/2020 12:20:42 PM

Quant Time: Jul 24 23:48:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92247	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	398491	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	271489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	636239	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	653461	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	689378	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	15027	8.04	ng/uL	0.00
5) Phenol-d5	7.12	99	155452	21.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	93514	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	123401	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	128615	21.06	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	60069	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	64696	22.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	138703	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	152040	20.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	439549	20.76	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	523302	20.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	74611	21.58	ng/ul	0.00
58) Fluorene-d10	15.58	176	403124	20.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	66199	20.79	ng/ul	0.00
71) Anthracene-d10	17.42	188	610611	20.81	ng/ul	0.00
79) Pyrene-d10	19.71	212	725572	20.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.47	264	787266	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	16627	7.270	ng/uL	87
4) Benzaldehyde	7.10	77	105878	20.515	ng/ul	96
6) Phenol	7.15	94	159762	21.427	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.38	93	129655	21.246	ng/ul	99
10) 2-Chlorophenol	7.53	128	124249	21.153	ng/ul	99
11) 2-Methylphenol	8.40	108	126674	21.083	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.49	45	220638	21.392	ng/ul	99
14) Acetophenone	8.78	105	194246	21.557	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.76	70	105260	21.589	ng/ul	96
16) 4-Methylphenol	8.73	108	138412	21.502	ng/ul	95
17) Hexachloroethane	9.05	117	51720	20.750	ng/ul	91
20) Nitrobenzene	9.16	77	150919	20.879	ng/ul	99
21) Isophorone	9.68	82	297592	21.067	ng/ul	97
23) 2-Nitrophenol	9.87	139	73257	22.757	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	148974	20.884	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.17	93	181960	20.364	ng/ul	99
27) 2,4-Dichlorophenol	10.40	162	135858	21.180	ng/ul	97
28) Naphthalene	10.81	128	430148	20.170	ng/ul	98
30) 4-Chloroaniline	10.91	127	148256	21.030	ng/ul	95
31) Hexachlorobutadiene	11.11	225	100472	20.354	ng/ul	97
32) Caprolactam	11.66	113	46689m	21.591	ng/ul	
33) 4-Chloro-3-methylphenol	12.04	107	142377	21.648	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	328082	20.462	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	320810	20.260	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	192057	20.463	ng/ul	99
38) Hexachlorocyclopentadiene	12.77	237	107628	20.028	ng/ul	95
39) 2,4,6-Trichlorophenol	13.02	196	117982	21.504	ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	127536	21.384	ng/ul	98
41) 1,1'-Biphenyl	13.42	154	431049	20.521	ng/ul	97
42) 2-Chloronaphthalene	13.46	162	345668	20.625	ng/ul	100
43) 2-Nitroaniline	13.65	65	90338	22.867	ng/ul	92
45) Dimethylphthalate	14.04	163	445433	20.976	ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	91564	22.611	ng/ul	97
48) Acenaphthylene	14.31	152	532879	20.725	ng/ul	98
49) 3-Nitroaniline	14.48	138	79682	20.888	ng/ul	97
50) Acenaphthene	14.65	153	381650	20.616	ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	33521	18.699	ng/ul	94
53) 4-Nitrophenol	14.79	109	52671	21.226	ng/ul	93
54) Dibenzofuran	14.99	168	523021	20.718	ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	131735	22.843	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	122479	22.024	ng/ul	99
57) Diethylphthalate	15.41	149	443584	21.148	ng/ul	99
59) Fluorene	15.63	166	440099	20.558	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	227617	20.238	ng/ul	96
61) 4-Nitroaniline	15.64	138	91509	21.518	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.70	198	72871	21.484	ng/ul	99
65) N-Nitrosodiphenylamine	15.84	169	379472	20.512	ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	163996	20.742	ng/ul	97
67) Hexachlorobenzene	16.64	284	181070	20.288	ng/ul	99
68) Atrazine	16.79	200	157110	21.244	ng/ul	98
69) Pentachlorophenol	16.98	266	96130	20.208	ng/ul	98
70) Phenanthrene	17.37	178	732475	20.628	ng/ul	100
72) Anthracene	17.46	178	734381	20.757	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	192383	20.136	ng/uL	97
74) Pentachlorobenzene	14.91	250	196295	20.344	ng/uL	96
75) Carbazole	17.72	167	654661	23.059	ng/ul	99
76) Di-n-butylphthalate	18.30	149	760491	21.770	ng/ul	100
77) Fluoranthene	19.38	202	920458	23.632	ng/ul	98
80) Pyrene	19.74	202	915221	20.713	ng/ul	98
81) Butylbenzylphthalate	20.63	149	336766	22.205	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	303313	21.626	ng/ul	100
83) Benzo(a)anthracene	21.55	228	898126	20.870	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	483424	21.911	ng/ul	98
85) Chrysene	21.62	228	877201	20.968	ng/ul	100
87) Di-n-octyl phthalate	22.67	149	831197	23.075	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	963799	20.694	ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	934051	20.426	ng/ul	100
91) Benzo(a)pyrene	24.55	252	883858	20.694	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.22	276	1097958	20.585	ng/ul	98
93) Dibenzo(a,h)anthracene	28.28	278	899402	20.612	ng/ul	98
94) Benzo(g,h,i)perylene	29.31	276	919343	20.393	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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