Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012220\
Data File : BN009418.D
Acq On : 22 Jan 2020 12:07
Operator : CG/JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08056

Manual Integrations APPROVED
mohammad
1/23/2020 1:54:51 PM

Quant Time: Jan 22 15:05:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 14:51:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	141285	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	628788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	398141	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	848685	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	777469	20.00	ng/ul	0.00
85) Perylene-d12	23.18	264	816140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	110608	32.38	ng/uL	0.00
5) Phenol-d5	6.66	99	1095424	87.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	742021	83.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	825969	90.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	856995	85.94	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	411771	90.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	457663	95.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	841350	88.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	955632	83.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	2434466	82.62	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	2969212	84.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	470217	85.75	ng/ul	0.01
57) Fluorene-d10	15.10	176	2080769	80.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	449953	87.55	ng/ul	0.01
70) Anthracene-d10	16.95	188	3169682	80.73	ng/ul	0.00
78) Pyrene-d10	19.26	212	3485184	83.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.05	264	3519348	85.42	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	118701	31.218	ng/uL	90
4) Benzaldehyde	6.62	77	556592	81.636	ng/ul	97
6) Phenol	6.69	94	1136551	86.589	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.91	93	881279	83.716	ng/ul	98
10) 2-Chlorophenol	7.03	128	835371	87.779	ng/ul	98
11) 2-Methylphenol	7.91	108	835302	86.174	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	2254479	81.510	ng/ul	100
14) Acetophenone	8.28	105	1356066	84.170	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.28	70	763663	87.283	ng/ul	98
16) 4-Methylphenol	8.25	108	911068	85.827	ng/ul	99
17) Hexachloroethane	8.52	117	370465	84.032	ng/ul	96
20) Nitrobenzene	8.65	77	1143080	84.980	ng/ul	98
21) Isophorone	9.18	82	2060614	86.372	ng/ul	99
23) 2-Nitrophenol	9.35	139	488284	92.423	ng/ul	94
24) 2,4-Dimethylphenol	9.42	107	1040574	85.835	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	1229410	84.159	ng/ul	98
27) 2,4-Dichlorophenol	9.88	162	815927	87.602	ng/ul	98
28) Naphthalene	10.26	128	2720480	80.398	ng/ul	98
30) 4-Chloroaniline	10.38	127	961857	83.101	ng/ul	100
31) Hexachlorobutadiene	10.56	225	513287	80.300	ng/ul	97
32) Caprolactam	11.18	113	272529m	85.119	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	978205	86.553	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	1909475	81.970	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	959103	83.341	ng/ul	97
37) Hexachlorocyclopentadiene	12.25	237	619214	88.324	ng/ul	99
38) 2,4,6-Trichlorophenol	12.52	196	648615	91.183	ng/ul	98
39) 2,4,5-Trichlorophenol	12.59	196	692454	88.481	ng/ul	93
40) 1,1'-Biphenyl	12.92	154	2478042	82.196	ng/ul	99
41) 2-Chloronaphthalene	12.96	162	1966872	82.628	ng/ul	97
42) 2-Nitroaniline	13.18	65	809195	93.094	ng/ul	99
44) Dimethylphthalate	13.57	163	2494023	82.215	ng/ul	98
45) 2,6-Dinitrotoluene	13.69	165	530452	91.903	ng/ul	92
47) Acenaphthylene	13.82	152	3152686	83.528	ng/ul	100
48) 3-Nitroaniline	14.02	138	445461	82.669	ng/ul	95
49) Acenaphthene	14.16	153	2129557	82.702	ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	321874	96.058	ng/ul	86
52) 4-Nitrophenol	14.35	109	424008	83.533	ng/ul	97
53) Dibenzofuran	14.50	168	2884295	80.620	ng/ul	100
54) 2,4-Dinitrotoluene	14.49	165	758245	88.074	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.74	232	596942	89.264	ng/ul#	96
56) Diethylphthalate	14.96	149	2569324	82.818	ng/ul	99
58) Fluorene	15.16	166	2394158	79.864	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	1179555	79.821	ng/ul	97
60) 4-Nitroaniline	15.19	138	508215m	83.090	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.26	198	473098	86.485	ng/ul#	97
64) N-Nitrosodiphenylamine	15.38	169	2033673	80.929	ng/ul	97
65) 4-Bromophenyl-phenylether	16.06	248	720224	84.201	ng/ul	94
66) Hexachlorobenzene	16.17	284	795772	83.865	ng/ul	93
67) Atrazine	16.35	200	765405	83.250	ng/ul	99
68) Pentachlorophenol	16.51	266	483692	87.695	ng/ul	97
69) Phenanthrene	16.89	178	3792505	79.197	ng/ul	99
71) Anthracene	16.99	178	3942005	80.850	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.89	216	974610	83.850	ng/uL	97
73) Pentachlorobenzene	14.43	250	938863	83.092	ng/uL	98
74) Carbazole	17.26	167	3380797	80.995	ng/ul	100
75) Di-n-butylphthalate	17.85	149	4407623	86.434	ng/ul	99
76) Fluoranthene	18.92	202	4358066	79.389	ng/ul	99
79) Pyrene	19.29	202	4562329	81.045	ng/ul	99
80) Butylbenzylphthalate	20.22	149	2032321	93.544	ng/ul	97
81) 3,3'-Dichlorobenzidine	20.99	252	1386363	84.599	ng/ul	96
82) Benzo(a)anthracene	21.05	228	4263371	80.526	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.01	149	2987315	90.649	ng/ul#	98
84) Chrysene	21.10	228	4204516	81.522	ng/ul	100
86) Di-n-octyl phthalate	21.86	149	4992296	85.516	ng/ul	100
87) Benzo(b)fluoranthene	22.56	252	4303495	83.395	ng/ul	99
88) Benzo(k)fluoranthene	22.60	252	4135569	81.504	ng/ul	98
90) Benzo(a)pyrene	23.10	252	3888781	83.954	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.27	276	4702751	83.776	ng/ul	100
92) Dibenzo(a,h)anthracene	25.27	278	4017947	84.839	ng/ul	95
93) Benzo(g,h,i)perylene	25.89	276	3943940	84.467	ng/ul	99

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

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