Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011426.D
Acq On : 14 Aug 2020 13:09
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08055

Manual Integrations APPROVED
mohammad
8/18/2020 1:43:00 PM

Quant Time: Aug 14 14:33:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 13:27:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	137262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	506532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	319141	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	655134	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	706297	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	690097	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	100221	27.89	ng/uL	0.00
5) Phenol-d5	6.65	99	853956	78.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	420891	72.16	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	762043	79.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	692902	76.98	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	359039	87.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	446492	102.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	768755	90.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	865180	96.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	2202031	85.09	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	2926287	95.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	392400	84.86	ng/ul	0.01
58) Fluorene-d10	15.08	176	1869215	81.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	403681	100.98	ng/ul	0.00
71) Anthracene-d10	16.93	188	2848555	89.32	ng/ul	0.00
79) Pyrene-d10	19.24	212	3378589	95.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	3443303	92.09	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	122807	32.406	ng/uL	94
4) Benzaldehyde	6.60	77	566626	102.141	ng/ul	97
6) Phenol	6.68	94	847144	70.824	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.89	93	676366	76.565	ng/ul	97
10) 2-Chlorophenol	7.02	128	789225	76.273	ng/ul	97
11) 2-Methylphenol	7.89	108	673068	75.468	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	367159	62.147	ng/ul#	91
14) Acetophenone	8.26	105	1104025	71.781	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	502802	64.076	ng/ul	97
16) 4-Methylphenol	8.22	108	712845	72.434	ng/ul	95
17) Hexachloroethane	8.49	117	357203	79.323	ng/ul	98
20) Nitrobenzene	8.62	77	813315	76.145	ng/ul	98
21) Isophorone	9.15	82	1665313	91.227	ng/ul	99
23) 2-Nitrophenol	9.32	139	462515	94.009	ng/ul	96
24) 2,4-Dimethylphenol	9.40	107	862850	84.106	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.63	93	867792	78.546	ng/ul	96
27) 2,4-Dichlorophenol	9.85	162	765607	86.642	ng/ul	96
28) Naphthalene	10.23	128	2436201	82.045	ng/ul	100
30) 4-Chloroaniline	10.36	127	851895	91.341	ng/ul	96
31) Hexachlorobutadiene	10.53	225	581027	94.964	ng/ul	96
32) Caprolactam	11.15	113	193666m	81.596	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	736375	77.690	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	1695356	78.735	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	1657291	82.844	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	955704	87.449	ng/ul	97
38) Hexachlorocyclopentadiene	12.22	237	702300	104.296	ng/ul	93
39) 2,4,6-Trichlorophenol	12.49	196	617319	88.751	ng/ul	94
40) 2,4,5-Trichlorophenol	12.56	196	643144	82.535	ng/ul	97
41) 1,1'-Biphenyl	12.90	154	2171120	80.116	ng/ul	97
42) 2-Chloronaphthalene	12.93	162	1792830	83.383	ng/ul	97
43) 2-Nitroaniline	13.15	65	394574	72.477	ng/ul	96
45) Dimethylphthalate	13.55	163	2345467	85.785	ng/ul	98
46) 2,6-Dinitrotoluene	13.67	165	493957	91.172	ng/ul	90
48) Acenaphthylene	13.79	152	2939774	90.638	ng/ul	97
49) 3-Nitroaniline	13.99	138	422834	84.570	ng/ul	96
50) Acenaphthene	14.14	153	1907002	83.712	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	301298	96.424	ng/ul	99
53) 4-Nitrophenol	14.33	109	372000	83.787	ng/ul	93
54) Dibenzofuran	14.48	168	2768399	84.803	ng/ul	99
55) 2,4-Dinitrotoluene	14.46	165	704118	89.057	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.72	232	533970	82.008	ng/ul	92
57) Diethylphthalate	14.93	149	2177013	80.830	ng/ul	100
59) Fluorene	15.13	166	2171049	78.971	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	1117503	81.276	ng/ul	98
61) 4-Nitroaniline	15.17	138	433671	73.461	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.23	198	432762	103.935	ng/ul#	94
65) N-Nitrosodiphenylamine	15.36	169	1807500	87.867	ng/ul	95
66) 4-Bromophenyl-phenylether	16.03	248	670676	93.096	ng/ul	96
67) Hexachlorobenzene	16.14	284	749025	93.696	ng/ul	96
68) Atrazine	16.33	200	684329	98.017	ng/ul	95
69) Pentachlorophenol	16.49	266	462624	97.874	ng/ul#	77
70) Phenanthrene	16.87	178	3432019	86.519	ng/ul	98
72) Anthracene	16.96	178	3588788	89.096	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	914895	94.930	ng/uL	93
74) Pentachlorobenzene	14.40	250	932956	100.842	ng/uL	97
75) Carbazole	17.24	167	3036256	88.458	ng/ul	100
76) Di-n-butylphthalate	17.83	149	3694951	90.254	ng/ul	99
77) Fluoranthene	18.90	202	4044568	90.486	ng/ul	99
80) Pyrene	19.27	202	4420886	92.829	ng/ul	98
81) Butylbenzylphthalate	20.20	149	1679646	92.433	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.97	252	1329463	89.703	ng/ul	100
83) Benzo(a)anthracene	21.03	228	4098494	82.244	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	2622321	90.780	ng/ul	99
85) Chrysene	21.09	228	3959127	82.604	ng/ul	100
87) Di-n-octyl phthalate	21.85	149	4576650	101.955	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	4570018	96.591	ng/ul	98
89) Benzo(k)fluoranthene	22.59	252	4469778	93.869	ng/ul	96
91) Benzo(a)pyrene	23.07	252	3853026	92.336	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.23	276	5153720	104.394	ng/ul	98
93) Dibenzo(a,h)anthracene	25.24	278	4295322	103.633	ng/ul	98
94) Benzo(g,h,i)perylene	25.84	276	4210294	105.573	ng/ul	98

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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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