Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
Data File : BN011555.D
Acq On : 21 Aug 2020 10:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02072

Manual Integrations APPROVED
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8/21/2020 12:51:20 PM

Quant Time: Aug 21 11:14:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 04:54:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	156459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	588810	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	368275	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	787129	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	831992	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	840015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	33585	10.30	ng/uL	0.00
5) Phenol-d5	6.62	99	235128	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	128229	22.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	205534	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	188887	21.03	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	95843	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	105912	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	207406	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	250469	21.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	586382	20.45	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	701242	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	97798	20.13	ng/ul	0.00
58) Fluorene-d10	15.06	176	501383	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	90450	17.33	ng/ul	0.00
71) Anthracene-d10	16.91	188	764973	20.34	ng/ul	0.00
79) Pyrene-d10	19.22	212	870130	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	941324	20.18	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	32700	7.783	ng/uL	94
4) Benzaldehyde	6.59	77	146960	20.363	ng/ul	99
6) Phenol	6.65	94	252243	22.362	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	194251	21.726	ng/ul	94
10) 2-Chlorophenol	6.99	128	225023	21.991	ng/ul	95
11) 2-Methylphenol	7.87	108	190826	21.485	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.95	45	117005	24.076	ng/ul	98
14) Acetophenone	8.23	105	314482	21.650	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.22	70	147902	23.502	ng/ul	96
16) 4-Methylphenol	8.19	108	205403	21.840	ng/ul	98
17) Hexachloroethane	8.47	117	101072	21.362	ng/ul	96
20) Nitrobenzene	8.60	77	235231	21.091	ng/ul	99
21) Isophorone	9.12	82	400468	20.404	ng/ul	98
23) 2-Nitrophenol	9.30	139	117999	20.616	ng/ul	99
24) 2,4-Dimethylphenol	9.38	107	233331	21.565	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.60	93	248106	21.312	ng/ul	96
27) 2,4-Dichlorophenol	9.82	162	212869	21.611	ng/ul	99
28) Naphthalene	10.21	128	675432	20.555	ng/ul	100
30) 4-Chloroaniline	10.33	127	259051	22.326	ng/ul	95
31) Hexachlorobutadiene	10.50	225	159332	19.862	ng/ul	99
32) Caprolactam	11.12	113	49778m	19.783	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	199113	21.289	ng/ul	98
34) 2-Methylnaphthalene	11.83	142	479028	21.267	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	443692	20.095 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	272410	21.133 ng/ul	99
38) Hexachlorocyclopentadiene	12.19	237	166023	18.797 ng/ul	96
39) 2,4,6-Trichlorophenol	12.47	196	165350	21.918 ng/ul	97
40) 2,4,5-Trichlorophenol	12.54	196	182209	22.242 ng/ul	98
41) 1,1'-Biphenyl	12.87	154	609132	20.609 ng/ul	98
42) 2-Chloronaphthalene	12.91	162	496691	20.768 ng/ul	98
43) 2-Nitroaniline	13.13	65	107306	22.818 ng/ul	95
45) Dimethylphthalate	13.53	163	593494	20.163 ng/ul	99
46) 2,6-Dinitrotoluene	13.65	165	121493	21.081 ng/ul	94
48) Acenaphthylene	13.77	152	724115	20.258 ng/ul	96
49) 3-Nitroaniline	13.97	138	114876	21.788 ng/ul	99
50) Acenaphthene	14.12	153	511465	20.441 ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	59929	17.410 ng/ul	93
53) 4-Nitrophenol	14.30	109	94599	20.428 ng/ul	93
54) Dibenzofuran	14.46	168	744929	20.529 ng/ul	98
55) 2,4-Dinitrotoluene	14.44	165	177374	21.399 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.69	232	158078	23.112 ng/ul	96
57) Diethylphthalate	14.91	149	591760	20.210 ng/ul	100
59) Fluorene	15.11	166	595576	20.364 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	312618	20.486 ng/ul	93
61) 4-Nitroaniline	15.15	138	95845	17.749 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.21	198	99169	17.530 ng/ul	98
65) N-Nitrosodiphenylamine	15.33	169	506657	21.518 ng/ul	97
66) 4-Bromophenyl-phenylether	16.02	248	182377	20.369 ng/ul	96
67) Hexachlorobenzene	16.12	284	195041	19.571 ng/ul	95
68) Atrazine	16.30	200	183631	20.027 ng/ul	97
69) Pentachlorophenol	16.47	266	116872	20.459 ng/ul#	82
70) Phenanthrene	16.85	178	940648	20.148 ng/ul	98
72) Anthracene	16.95	178	947731	20.042 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	268122	21.450 ng/uL	93
74) Pentachlorobenzene	14.38	250	240094	20.045 ng/uL	95
75) Carbazole	17.22	167	806118	20.271 ng/ul	99
76) Di-n-butylphthalate	17.81	149	954953	21.123 ng/ul	99
77) Fluoranthene	18.88	202	1103766	19.321 ng/ul	99
80) Pyrene	19.25	202	1146233	19.578 ng/ul	99
81) Butylbenzylphthalate	20.19	149	426990	21.618 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	361772	21.805 ng/ul	98
83) Benzo(a)anthracene	21.02	228	1134016	20.488 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	669105	22.464 ng/ul	99
85) Chrysene	21.07	228	1130613	20.564 ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1138626	20.730 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1194567	20.341 ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	1120763m	19.216 ng/ul	
91) Benzo(a)pyrene	23.05	252	993313	18.358 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	1122037	16.179 ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	904659	15.581 ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	998341	17.364 ng/ul	96

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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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