Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013971.D
Acq On : 17 Mar 2021 15:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020060

Manual Integrations APPROVED
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Quant Time: Mar 17 16:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	174765	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	709017	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	416577	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	877109	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	875037	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	895304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	38711	8.72	ng/uL	0.00
4) Pyridine-d5	3.61	84	259920	21.36	ng/ul	0.00
7) Phenol-d5	6.88	99	304394	20.56	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	190889	20.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	248987	22.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	234208	20.61	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	113816	23.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	108512	23.18	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.11	165	230237	22.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	334123	21.60	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	666187	23.06	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	807445	22.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	124295	22.18	ng/ul	0.00
60) Fluorene-d10	15.34	176	569451	22.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	89219	20.35	ng/ul	0.00
73) Anthracene-d10	17.19	188	869819	21.53	ng/ul	0.00
81) Pyrene-d10	19.49	212	962275	21.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1015272	22.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	39569	8.681	ng/uL	99
5) Pyridine	3.63	79	265661	21.214	ng/ul	96
6) Benzaldehyde	6.85	77	196415	26.767	ng/ul	99
8) Phenol	6.90	94	336024	20.870	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	267587	21.187	ng/ul	99
12) 2-Chlorophenol	7.27	128	265952	21.934	ng/ul	98
13) 2-Methylphenol	8.15	108	242580	20.856	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.23	45	388205	20.458	ng/ul	100
16) Acetophenone	8.52	105	406505	21.555	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.51	70	194607	22.278	ng/ul	97
18) 4-Methylphenol	8.47	108	268124	21.065	ng/ul	98
19) Hexachloroethane	8.78	117	107427	21.417	ng/ul	98
22) Nitrobenzene	8.90	77	293060	22.016	ng/ul	96
23) Isophorone	9.42	82	517172	22.964	ng/ul	99
25) 2-Nitrophenol	9.60	139	131967	24.053	ng/ul	99
26) 2,4-Dimethylphenol	9.67	107	286499	22.184	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.91	93	342133	21.916	ng/ul	99
29) 2,4-Dichlorophenol	10.13	162	239258	22.620	ng/ul	98
30) Naphthalene	10.54	128	839441	21.561	ng/ul	100
32) 4-Chloroaniline	10.65	127	348064	21.728	ng/ul	100
33) Hexachlorobutadiene	10.83	225	148082	22.040	ng/ul	98
34) Caprolactam	11.39	113	68094m	21.471	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	249494	23.280	ng/ul	100
36) 2-Methylnaphthalene	12.16	142	574812	21.722	ng/ul	99
37) 1-Methylnaphthalene	12.37	142	574928	21.907	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	287147	21.876	ng/ul	94
40) Hexachlorocyclopentadiene	12.51	237	162670	20.513	ng/ul	95
41) 2,4,6-Trichlorophenol	12.77	196	170633	23.294	ng/ul	98
42) 2,4,5-Trichlorophenol	12.83	196	194671	23.747	ng/ul	98
43) 1,1'-Biphenyl	13.17	154	733115	21.961	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	572352	22.011	ng/ul	98
45) 2-Nitroaniline	13.42	65	149194	23.654	ng/ul	100
47) Dimethylphthalate	13.80	163	699884	23.102	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	129703	24.148	ng/ul	99
50) Acenaphthylene	14.07	152	853446	22.548	ng/ul	99
51) 3-Nitroaniline	14.25	138	149228	23.269	ng/ul	89
52) Acenaphthene	14.41	153	609275	22.107	ng/ul	99
53) 2,4-Dinitrophenol	14.45	184	57049	19.183	ng/ul	92
55) 4-Nitrophenol	14.56	109	99429	21.799	ng/ul	95
56) Dibenzofuran	14.75	168	844266	22.160	ng/ul	100
57) 2,4-Dinitrotoluene	14.71	165	189183	24.541	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	152444	24.014	ng/ul#	99
59) Diethylphthalate	15.17	149	677957	22.917	ng/ul	99
61) Fluorene	15.40	166	684804	22.264	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.40	204	328726	22.146	ng/ul	97
63) 4-Nitroaniline	15.42	138	155539	24.493	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.47	198	95533	20.642	ng/ul#	89
67) N-Nitrosodiphenylamine	15.61	169	575972	21.581	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	187938	20.970	ng/ul	91
69) Hexachlorobenzene	16.40	284	222146	21.386	ng/ul	97
70) Atrazine	16.56	200	190248	21.056	ng/ul	99
71) Pentachlorophenol	16.74	266	114372	20.514	ng/ul	96
72) Phenanthrene	17.13	178	1059524	21.198	ng/ul	98
74) Anthracene	17.23	178	1111242	21.756	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	290197	21.236	ng/uL	98
76) Pentachlorobenzene	14.67	250	284293	20.845	ng/uL	96
77) Carbazole	17.49	167	971426	21.408	ng/ul	99
78) Di-n-butylphthalate	18.06	149	1100874	23.508	ng/ul	99
80) Fluoranthene	19.15	202	1204753	21.845	ng/ul	99
82) Pyrene	19.52	202	1270647	21.480	ng/ul	99
83) Butylbenzylphthalate	20.42	149	453645	24.127	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.19	252	382193	24.813	ng/ul	99
85) Benzo(a)anthracene	21.26	228	1255376	22.339	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	735645	25.317	ng/ul	99
87) Chrysene	21.31	228	1198656	21.731	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	1215574	21.577	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1250865	21.984	ng/ul	99
91) Benzo(k)fluoranthene	22.88	252	1301406	22.778	ng/ul	97
93) Benzo(a)pyrene	23.40	252	1162332	22.687	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.74	276	1464987	22.696	ng/ul	99
95) Dibenzo(a,h)anthracene	25.76	278	1260427	23.171	ng/ul	98
96) Benzo(g,h,i)perylene	26.43	276	1232886	23.084	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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