Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013895.D
Acq On : 09 Mar 2021 16:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Quant Time: Mar 09 17:26:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	158048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	659679	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	389041	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	780677	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	777955	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	760615	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	31329	7.87	ng/uL	0.00
5) Phenol-d5	6.88	99	247899	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	155490	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	197859	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	189445	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	88887	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	83445	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	183019	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	258251	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	505648	19.36	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	690770	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	91009	18.57	ng/ul	0.00
58) Fluorene-d10	15.35	176	452164	19.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	64094	17.66	ng/ul	0.00
71) Anthracene-d10	17.19	188	681064	19.96	ng/ul	0.00
79) Pyrene-d10	19.48	212	754851	19.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	774268	20.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	32228	7.974	ng/uL	97
4) Benzaldehyde	6.86	77	159373	24.773	ng/ul	98
6) Phenol	6.91	94	272444	19.888	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	214114	19.984	ng/ul	98
10) 2-Chlorophenol	7.28	128	214353	20.586	ng/ul	99
11) 2-Methylphenol	8.15	108	194310	19.661	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	317852	19.428	ng/ul	97
14) Acetophenone	8.53	105	325533	20.410	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	156150	19.730	ng/ul	97
16) 4-Methylphenol	8.48	108	216150	20.157	ng/ul	95
17) Hexachloroethane	8.79	117	86294	19.536	ng/ul	100
20) Nitrobenzene	8.91	77	239484	19.832	ng/ul	99
21) Isophorone	9.43	82	409079	19.320	ng/ul	100
23) 2-Nitrophenol	9.62	139	101338	20.542	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	230674	19.855	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	278089	19.671	ng/ul	100
27) 2,4-Dichlorophenol	10.15	162	191562	20.208	ng/ul	99
28) Naphthalene	10.55	128	674558	19.724	ng/ul	99
30) 4-Chloroaniline	10.66	127	262092	22.116	ng/ul	97
31) Hexachlorobutadiene	10.83	225	118069	19.559	ng/ul	99
32) Caprolactam	11.40	113	48656	16.959	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	191854	19.858	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	466087	19.948	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	447854	19.888 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	229352	19.582 ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	130232	18.674 ng/ul	97
39) 2,4,6-Trichlorophenol	12.77	196	128227	18.968 ng/ul	97
40) 2,4,5-Trichlorophenol	12.84	196	150091	20.236 ng/ul	98
41) 1,1'-Biphenyl	13.18	154	579620	19.813 ng/ul	99
42) 2-Chloronaphthalene	13.22	162	454043	19.853 ng/ul	99
43) 2-Nitroaniline	13.42	65	114913	19.380 ng/ul	99
45) Dimethylphthalate	13.81	163	530416	19.623 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	97592	20.147 ng/ul	95
48) Acenaphthylene	14.07	152	675277	20.160 ng/ul	99
49) 3-Nitroaniline	14.25	138	111077	21.085 ng/ul	97
50) Acenaphthene	14.42	153	476147	19.486 ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	40988	16.073 ng/ul	97
53) 4-Nitrophenol	14.56	109	76133	19.287 ng/ul	94
54) Dibenzofuran	14.75	168	666300	19.781 ng/ul	96
55) 2,4-Dinitrotoluene	14.71	165	144168	20.832 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.97	232	111969	19.558 ng/ul	97
57) Diethylphthalate	15.18	149	527167	19.514 ng/ul	99
59) Fluorene	15.40	166	531587	19.393 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	258053	19.622 ng/ul	94
61) 4-Nitroaniline	15.42	138	118033	19.559 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	69117	18.082 ng/ul	97
65) N-Nitrosodiphenylamine	15.61	169	460472	20.481 ng/ul	97
66) 4-Bromophenyl-phenylether	16.29	248	149648	20.012 ng/ul	99
67) Hexachlorobenzene	16.40	284	171183	19.165 ng/ul	93
68) Atrazine	16.56	200	145266	18.698 ng/ul	94
69) Pentachlorophenol	16.74	266	81476	17.311 ng/ul	98
70) Phenanthrene	17.13	178	843078	19.932 ng/ul	99
72) Anthracene	17.23	178	865996	20.141 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	227229	19.876 ng/uL	97
74) Pentachlorobenzene	14.67	250	215337	19.995 ng/uL	95
75) Carbazole	17.49	167	752089	19.605 ng/ul	98
76) Di-n-butylphthalate	18.06	149	833592	19.420 ng/ul	99
77) Fluoranthene	19.15	202	920042	19.672 ng/ul	97
80) Pyrene	19.51	202	990192	19.767 ng/ul	99
81) Butylbenzylphthalate	20.42	149	326165	18.914 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.19	252	285089	19.527 ng/ul	97
83) Benzo(a)anthracene	21.25	228	894141	18.673 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	529256	18.342 ng/ul	99
85) Chrysene	21.30	228	907409	19.470 ng/ul	100
87) Di-n-octyl phthalate	22.07	149	859458	18.084 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	932315	20.176 ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	920280	19.852 ng/ul	98
91) Benzo(a)pyrene	23.40	252	855416	20.423 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.73	276	1056316	20.181 ng/ul	94
93) Dibenzo(a,h)anthracene	25.74	278	889974	19.942 ng/ul	97
94) Benzo(g,h,i)perylene	26.42	276	888040	20.200 ng/ul	96

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

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