Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013908.D
Acq On : 11 Mar 2021 09:02
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02064

Quant Time: Mar 11 09:34:46 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	187493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	797738	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	465993	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	934113	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	923234	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	910946	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	36170	7.66	ng/uL	0.00
5) Phenol-d5	6.88	99	305556	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	188118	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	239370	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	232643	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	107456	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	100275	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	225032	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	308738	22.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	625394	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	845647	20.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	110636	18.85	ng/ul	0.00
58) Fluorene-d10	15.34	176	550695	19.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	77314	17.81	ng/ul	0.00
71) Anthracene-d10	17.19	188	817396	20.02	ng/ul	0.00
79) Pyrene-d10	19.48	212	888716	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	896589	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	37802	7.885	ng/uL	98
4) Benzaldehyde	6.86	77	197329	25.855	ng/ul	98
6) Phenol	6.90	94	328811	20.233	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	262671	20.666	ng/ul	98
10) 2-Chlorophenol	7.28	128	253555	20.526	ng/ul	97
11) 2-Methylphenol	8.15	108	239396	20.419	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	390262	20.108	ng/ul	98
14) Acetophenone	8.53	105	397922	21.031	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	191291	20.374	ng/ul	97
16) 4-Methylphenol	8.48	108	262049	20.600	ng/ul	99
17) Hexachloroethane	8.79	117	103864	19.821	ng/ul	94
20) Nitrobenzene	8.90	77	291956	19.993	ng/ul	99
21) Isophorone	9.43	82	507033	19.802	ng/ul	100
23) 2-Nitrophenol	9.61	139	123377	20.681	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	281450	20.033	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.91	93	339014	19.831	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	233236	20.346	ng/ul	99
28) Naphthalene	10.55	128	825070	19.950	ng/ul	99
30) 4-Chloroaniline	10.65	127	324453	22.640	ng/ul	99
31) Hexachlorobutadiene	10.83	225	145520	19.935	ng/ul	94
32) Caprolactam	11.40	113	59820	17.242	ng/ul	95
33) 4-Chloro-3-methylphenol	11.78	107	237568	20.335	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	572229	20.252	ng/ul	98

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35) 1-Methylnaphthalene	12.38	142	541951	19.901	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	278579	19.857	ng/ul	98
38) Hexachlorocyclopentadiene	12.51	237	158569	18.982	ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	164852	20.358	ng/ul	94
40) 2,4,5-Trichlorophenol	12.84	196	185213	20.848	ng/ul	98
41) 1,1'-Biphenyl	13.18	154	714239	20.383	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	552075	20.153	ng/ul	97
43) 2-Nitroaniline	13.42	65	144126	20.293	ng/ul	99
45) Dimethylphthalate	13.80	163	664024	20.510	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	120069	20.694	ng/ul	97
48) Acenaphthylene	14.07	152	820402	20.448	ng/ul	99
49) 3-Nitroaniline	14.25	138	133656	21.181	ng/ul	99
50) Acenaphthene	14.41	153	586418	20.035	ng/ul	96
51) 2,4-Dinitrophenol	14.45	184	50815	16.636	ng/ul	99
53) 4-Nitrophenol	14.56	109	91819	19.419	ng/ul	95
54) Dibenzofuran	14.75	168	818426	20.285	ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	173966	20.987	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.97	232	140163	20.439	ng/ul	98
57) Diethylphthalate	15.17	149	648298	20.035	ng/ul	99
59) Fluorene	15.40	166	659540	20.088	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.40	204	312912	19.864	ng/ul	98
61) 4-Nitroaniline	15.42	138	142481	19.712	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	83922	18.349	ng/ul	98
65) N-Nitrosodiphenylamine	15.61	169	553374	20.570	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	181599	20.295	ng/ul	96
67) Hexachlorobenzene	16.40	284	207007	19.369	ng/ul	97
68) Atrazine	16.56	200	181010	19.472	ng/ul	96
69) Pentachlorophenol	16.74	266	103117	18.311	ng/ul	95
70) Phenanthrene	17.13	178	1008351	19.923	ng/ul	99
72) Anthracene	17.22	178	1024232	19.908	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	278170	20.335	ng/uL	100
74) Pentachlorobenzene	14.67	250	262175	20.345	ng/uL	98
75) Carbazole	17.49	167	924331	20.137	ng/ul	99
76) Di-n-butylphthalate	18.06	149	1035981	20.171	ng/ul	99
77) Fluoranthene	19.15	202	1106473	19.772	ng/ul	97
80) Pyrene	19.51	202	1154654	19.423	ng/ul	99
81) Butylbenzylphthalate	20.42	149	402598	19.673	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.19	252	324016	18.701	ng/ul	98
83) Benzo(a)anthracene	21.25	228	1084455	19.084	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	633750	18.507	ng/ul	100
85) Chrysene	21.30	228	1067206	19.295	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	1031851	18.128	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	1097126	19.825	ng/ul	97
89) Benzo(k)fluoranthene	22.86	252	1093530	19.696	ng/ul	98
91) Benzo(a)pyrene	23.39	252	997853	19.892	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.72	276	1254693	20.015	ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	1044127	19.535	ng/ul	98
94) Benzo(g,h,i)perylene	26.40	276	1012389	19.228	ng/ul	98

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

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