Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
Data File : BN014721.D
Acq On : 24 May 2021 21:01
Operator : CG/JU
Sample : SSTD02052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020052

Manual Integrations APPROVED
mohammad
5/25/2021 11:18:46 AM

Quant Time: May 25 01:33:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 01:17:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	186756	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	733331	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	588382	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1465191	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1915346	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2290888	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	32672	6.66	ng/uL	0.00
4) Pyridine-d5	3.63	84	172088	13.24	ng/ul	0.00
7) Phenol-d5	6.89	99	331281	21.22	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	167637	17.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	214037	17.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	257447	21.75	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	107839	20.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	113873	21.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	266484	23.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	304553	18.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	891026	20.90	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1044158	20.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	138580	16.76	ng/ul	0.00
60) Fluorene-d10	15.36	176	775653	20.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	131552	16.78	ng/ul	0.00
73) Anthracene-d10	17.22	188	1321067	19.32	ng/ul	0.00
81) Pyrene-d10	19.52	212	1694014	18.22	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	2327082	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	39291	7.861	ng/uL	100
5) Pyridine	3.65	79	217733m	16.298	ng/ul	
6) Benzaldehyde	6.86	77	227522	28.863	ng/ul	100
8) Phenol	6.92	94	343967	20.495	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.14	93	273775	20.742	ng/ul	100
12) 2-Chlorophenol	7.28	128	220596	16.801	ng/ul	100
13) 2-Methylphenol	8.16	108	256300	21.061	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.23	45	167461m	11.477	ng/ul	
16) Acetophenone	8.53	105	454332	22.840	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.52	70	218633	23.639	ng/ul	100
18) 4-Methylphenol	8.49	108	283998	21.548	ng/ul	100
19) Hexachloroethane	8.79	117	110041	19.938	ng/ul	100
22) Nitrobenzene	8.90	77	331434	23.643	ng/ul	100
23) Isophorone	9.43	82	636413	26.995	ng/ul	100
25) 2-Nitrophenol	9.62	139	120514	19.654	ng/ul	100
26) 2,4-Dimethylphenol	9.68	107	373209	27.340	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.92	93	393346	24.490	ng/ul	100
29) 2,4-Dichlorophenol	10.15	162	259074	22.583	ng/ul	100
30) Naphthalene	10.55	128	770559	18.958	ng/ul	100
32) 4-Chloroaniline	10.66	127	326156	19.113	ng/ul	100
33) Hexachlorobutadiene	10.84	225	218881	29.222	ng/ul	100
34) Caprolactam	11.46	113	68643m	21.467	ng/ul	

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35) 4-Chloro-3-methylphenol	11.79	107	362143	31.936	ng/ul	100
36) 2-Methylnaphthalene	12.17	142	570905	20.615	ng/ul	100
37) 1-Methylnaphthalene	12.39	142	582682	21.129	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	422625	21.222	ng/ul	100
40) Hexachlorocyclopentadiene	12.52	237	290532	23.493	ng/ul	100
41) 2,4,6-Trichlorophenol	12.79	196	247508	21.503	ng/ul	100
42) 2,4,5-Trichlorophenol	12.87	196	254492	19.923	ng/ul	100
43) 1,1'-Biphenyl	13.19	154	805947	16.655	ng/ul	100
44) 2-Chloronaphthalene	13.23	162	642109	16.974	ng/ul	100
45) 2-Nitroaniline	13.43	65	194565	22.186	ng/ul	100
47) Dimethylphthalate	13.82	163	901270	20.367	ng/ul	100
48) 2,6-Dinitrotoluene	13.93	165	162895	20.991	ng/ul	100
50) Acenaphthylene	14.08	152	979343	17.950	ng/ul	100
51) 3-Nitroaniline	14.27	138	154693	16.178	ng/ul	100
52) Acenaphthene	14.43	153	698479	17.551	ng/ul	100
53) 2,4-Dinitrophenol	14.47	184	101786	22.470	ng/ul	100
55) 4-Nitrophenol	14.59	109	365209	51.556	ng/ul	100
56) Dibenzofuran	14.76	168	1033280	18.656	ng/ul	100
57) 2,4-Dinitrotoluene	14.73	165	274838	24.516	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.99	232	266995	26.568	ng/ul	100
59) Diethylphthalate	15.19	149	865795	19.128	ng/ul	100
61) Fluorene	15.42	166	797022	17.753	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.42	204	466254	21.089	ng/ul	100
63) 4-Nitroaniline	15.43	138	171291	18.404	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.50	198	132600	15.970	ng/ul	100
67) N-Nitrosodiphenylamine	15.63	169	753327	16.524	ng/ul	100
68) 4-Bromophenyl-phenylether	16.31	248	366701	23.657	ng/ul	100
69) Hexachlorobenzene	16.42	284	456370	24.665	ng/ul	100
70) Atrazine	16.58	200	316861	19.558	ng/ul	100
71) Pentachlorophenol	16.77	266	288088	26.779	ng/ul	100
72) Phenanthrene	17.16	178	1449504	16.944	ng/ul	100
74) Anthracene	17.25	178	1470296	16.921	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	447517	18.548	ng/uL	100
76) Pentachlorobenzene	14.69	250	466175	19.440	ng/uL	100
77) Carbazole	17.52	167	1331799	16.943	ng/ul	100
78) Di-n-butylphthalate	18.09	149	1476629	17.362	ng/ul	100
80) Fluoranthene	19.18	202	2019061	17.185	ng/ul	100
82) Pyrene	19.55	202	2107472	16.846	ng/ul	100
83) Butylbenzylphthalate	20.46	149	690164	16.802	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.23	252	811282	23.683	ng/ul	100
85) Benzo(a)anthracene	21.30	228	2286846	18.478	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.24	149	1028775	15.367	ng/ul	100
87) Chrysene	21.35	228	2259661	18.837	ng/ul	100
89) Di-n-octyl phthalate	22.13	149	1991829	13.926	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	2737881	17.864	ng/ul	100
91) Benzo(k)fluoranthene	22.95	252	2607015	17.087	ng/ul	100
93) Benzo(a)pyrene	23.48	252	2426131	17.892	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.87	276	3340220	18.586	ng/ul	100
95) Dibenzo(a,h)anthracene	25.88	278	2791016	18.812	ng/ul	100
96) Benzo(g,h,i)perylene	26.56	276	2905204	20.003	ng/ul	100

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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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