Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013449.D
Acq On : 21 Jan 2021 11:37
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040564

Manual Integrations APPROVED
mohammad
1/25/2021 7:55:42 AM

Quant Time: Jan 21 12:10:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 11:50:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	527972	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2139330	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1222112	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2405060	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1837311	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1761829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	209100	15.78	ng/uL	0.00
4) Pyridine-d5	3.57	84	1377108	40.06	ng/ul	0.00
7) Phenol-d5	6.76	99	1725609	40.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	1007547	40.42	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1520504	41.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	1387022	40.66	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	712307	42.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	764703	44.26	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	1382189	41.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1957828	40.63	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	3770887	41.01	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	4728946	41.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	726356	41.27	ng/ul	0.01
60) Fluorene-d10	15.22	176	3185723	39.44	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	590860	41.62	ng/ul	0.00
73) Anthracene-d10	17.07	188	4642196	39.73	ng/ul	0.00
81) Pyrene-d10	19.37	212	4604840	43.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	3780226	40.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	215918	15.778	ng/uL	99
5) Pyridine	3.59	79	1395576	40.194	ng/ul	97
6) Benzaldehyde	6.74	77	823001	51.356	ng/ul	99
8) Phenol	6.79	94	1773819	40.522	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.02	93	1462847	40.775	ng/ul	99
12) 2-Chlorophenol	7.16	128	1536483	40.762	ng/ul	98
13) 2-Methylphenol	8.02	108	1354765	40.617	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	2054341	41.026	ng/ul	100
16) Acetophenone	8.40	105	2087464	40.336	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	964449	41.258	ng/ul	98
18) 4-Methylphenol	8.36	108	1468064	40.884	ng/ul	98
19) Hexachloroethane	8.65	117	639770	41.354	ng/ul	98
22) Nitrobenzene	8.77	77	1562421	41.562	ng/ul	99
23) Isophorone	9.29	82	2827886	42.452	ng/ul	100
25) 2-Nitrophenol	9.48	139	835215	43.098	ng/ul	97
26) 2,4-Dimethylphenol	9.54	107	1552518	41.140	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	1873566	40.856	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	1367815	40.975	ng/ul	100
30) Naphthalene	10.40	128	4824171	39.721	ng/ul	99
32) 4-Chloroaniline	10.51	127	1888678	40.643	ng/ul	99
33) Hexachlorobutadiene	10.69	225	861769	39.514	ng/ul	100
34) Caprolactam	11.28	113	406236m	41.901	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	1401370	42.108	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	3283553	40.169	ng/ul	99
37) 1-Methylnaphthalene	12.24	142	3144101	39.912	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	1563677	39.882	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	982321	40.593	ng/ul	99
41) 2,4,6-Trichlorophenol	12.64	196	1011369	42.505	ng/ul	98
42) 2,4,5-Trichlorophenol	12.71	196	1085425	41.900	ng/ul	96
43) 1,1'-Biphenyl	13.05	154	4100467	39.846	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	3229720	39.815	ng/ul	97
45) 2-Nitroaniline	13.29	65	837009	45.919	ng/ul	95
47) Dimethylphthalate	13.69	163	3849844	40.596	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	818968	45.070	ng/ul	97
50) Acenaphthylene	13.94	152	4794014	40.248	ng/ul	99
51) 3-Nitroaniline	14.13	138	783366	46.456	ng/ul	95
52) Acenaphthene	14.29	153	3409230	40.120	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	397806	39.105	ng/ul	98
55) 4-Nitrophenol	14.45	109	517260	40.971	ng/ul	98
56) Dibenzofuran	14.62	168	4540533	39.429	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	1137834	44.055	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	891842	42.669	ng/ul	98
59) Diethylphthalate	15.07	149	3896792	42.142	ng/ul	99
61) Fluorene	15.27	166	3588340	39.091	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.28	204	1742469	38.884	ng/ul	99
63) 4-Nitroaniline	15.30	138	755899	50.379	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.36	198	634340	41.221	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	3143643	40.374	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	1100444	40.513	ng/ul	98
69) Hexachlorobenzene	16.28	284	1228085	39.988	ng/ul	97
70) Atrazine	16.45	200	1098561	42.263	ng/ul	98
71) Pentachlorophenol	16.62	266	705723	40.625	ng/ul	94
72) Phenanthrene	17.02	178	5718469	39.550	ng/ul	100
74) Anthracene	17.10	178	5723975	39.261	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	1544139	39.772	ng/uL	99
76) Pentachlorobenzene	14.55	250	1489619	39.418	ng/uL	98
77) Carbazole	17.37	167	4981748	41.569	ng/ul	99
78) Di-n-butylphthalate	17.96	149	6195951	43.279	ng/ul	100
80) Fluoranthene	19.04	202	6024289	44.048	ng/ul	99
82) Pyrene	19.40	202	5945624	42.185	ng/ul	99
83) Butylbenzylphthalate	20.33	149	2356701	47.621	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	1496989	43.477	ng/ul	98
85) Benzo(a)anthracene	21.16	228	4982015	40.725	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	3221442	45.161	ng/ul	99
87) Chrysene	21.21	228	4802708	39.842	ng/ul	99
89) Di-n-octyl phthalate	21.98	149	5065751	44.048	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	4639819	39.026	ng/ul	99
91) Benzo(k)fluoranthene	22.75	252	4693592	40.129	ng/ul	100
93) Benzo(a)pyrene	23.27	252	4257033	40.060	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.54	276	5082928	42.365	ng/ul	97
95) Dibenzo(a,h)anthracene	25.56	278	4251142	42.381	ng/ul	98
96) Benzo(g,h,i)perylene	26.20	276	4284947	42.563	ng/ul	95

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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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