Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
Data File : BN013328.D
Acq On : 05 Jan 2021 18:34
Operator : CG/JU
Sample : SSTD02053
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020531

Manual Integrations APPROVED
mohammad
1/6/2021 12:00:53 PM

Quant Time: Jan 06 01:26:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:47:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	340736	20.00	ng/ul	0.00
20) Naphthalene-d8	10.37	136	1449729	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.24	164	875021	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	1773625	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1725901	20.00	ng/ul	0.00
88) Perylene-d12	23.39	264	1863999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	71813	7.59	ng/uL	0.00
4) Pyridine-d5	3.60	84	472312	18.47	ng/ul	0.00
7) Phenol-d5	6.79	99	606915	19.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.96	67	347735	18.28	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	516953	21.56	ng/ul	0.00
15) 4-Methylphenol-d8	8.32	113	493518	19.86	ng/ul	0.00
21) Nitrobenzene-d5	8.75	128	241317	20.80	ng/ul	0.00
24) 2-Nitrophenol-d4	9.47	143	249828	19.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.00	165	496380	20.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.51	131	716642	21.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.66	166	1390422	19.54	ng/ul	0.00
49) Acenaphthylene-d8	13.93	160	1766802	21.28	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	262847	20.88	ng/ul	0.00
60) Fluorene-d10	15.24	176	1230731	20.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	167668	13.83	ng/ul	0.00
73) Anthracene-d10	17.09	188	1844113	20.81	ng/ul	0.00
81) Pyrene-d10	19.39	212	1964199	22.83	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.24	264	2069716	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	73481	7.467	ng/uL	100
5) Pyridine	3.62	79	474936	18.027	ng/ul	100
6) Benzaldehyde	6.76	77	181190	13.239	ng/ul	100
8) Phenol	6.82	94	620542	19.496	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.05	93	504918	19.949	ng/ul	100
12) 2-Chlorophenol	7.18	128	524964	21.263	ng/ul	100
13) 2-Methylphenol	8.05	108	477749	20.183	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.15	45	720505	20.190	ng/ul	100
16) Acetophenone	8.43	105	750277	18.186	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.42	70	352796	16.495	ng/ul	100
18) 4-Methylphenol	8.38	108	513741	19.927	ng/ul	100
19) Hexachloroethane	8.68	117	209168	17.624	ng/ul	100
22) Nitrobenzene	8.79	77	542860	16.146	ng/ul	100
23) Isophorone	9.32	82	1020570	17.315	ng/ul	100
25) 2-Nitrophenol	9.50	139	282713	20.229	ng/ul	100
26) 2,4-Dimethylphenol	9.57	107	556431	18.405	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.80	93	656065	19.325	ng/ul	100
29) 2,4-Dichlorophenol	10.03	162	484225	20.174	ng/ul	100
30) Naphthalene	10.43	128	1699194	20.623	ng/ul	100
32) 4-Chloroaniline	10.53	127	686249	20.695	ng/ul	100
33) Hexachlorobutadiene	10.72	225	303286	18.574	ng/ul	100
34) Caprolactam	11.31	113	153779m	19.638	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	516109	18.733	ng/ul	100
36) 2-Methylnaphthalene	12.05	142	1175709	20.231	ng/ul	100
37) 1-Methylnaphthalene	12.27	142	1132572	20.217	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	553766	20.113	ng/ul	100
40) Hexachlorocyclopentadiene	12.40	237	293257	17.469	ng/ul	100
41) 2,4,6-Trichlorophenol	12.66	196	363203	20.713	ng/ul	100
42) 2,4,5-Trichlorophenol	12.73	196	387555	20.279	ng/ul	100
43) 1,1'-Biphenyl	13.07	154	1483954	20.903	ng/ul	100
44) 2-Chloronaphthalene	13.11	162	1159962	20.673	ng/ul	100
45) 2-Nitroaniline	13.31	65	296307	16.124	ng/ul	100
47) Dimethylphthalate	13.71	163	1435492	19.705	ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	274416	19.038	ng/ul	100
50) Acenaphthylene	13.96	152	1774993	20.814	ng/ul	100
51) 3-Nitroaniline	14.15	138	209695	17.808	ng/ul	100
52) Acenaphthene	14.30	153	1244370	19.924	ng/ul	100
53) 2,4-Dinitrophenol	14.35	184	102421	11.500	ng/ul	100
55) 4-Nitrophenol	14.46	109	198389	15.087	ng/ul	100
56) Dibenzofuran	14.65	168	1703508	19.730	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	393941	18.749	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.87	232	322446	19.478	ng/ul	100
59) Diethylphthalate	15.09	149	1453791	19.223	ng/ul	100
61) Fluorene	15.29	166	1396501	19.139	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.30	204	675588	19.439	ng/ul	100
63) 4-Nitroaniline	15.31	138	194159	16.304	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.37	198	198189	15.143	ng/ul	100
67) N-Nitrosodiphenylamine	15.51	169	1199712	21.745	ng/ul	100
68) 4-Bromophenyl-phenylether	16.19	248	410264	20.494	ng/ul	100
69) Hexachlorobenzene	16.29	284	472192	20.096	ng/ul	100
70) Atrazine	16.47	200	414938	19.257	ng/ul	100
71) Pentachlorophenol	16.64	266	260913	18.101	ng/ul	100
72) Phenanthrene	17.03	178	2188120	20.234	ng/ul	100
74) Anthracene	17.12	178	2255629	20.569	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.03	216	544192	21.425	ng/uL	100
76) Pentachlorobenzene	14.56	250	541907	20.163	ng/uL	100
77) Carbazole	17.39	167	1940159	20.144	ng/ul	100
78) Di-n-butylphthalate	17.99	149	2480745	20.245	ng/ul	100
80) Fluoranthene	19.05	202	2475119	21.947	ng/ul	100
82) Pyrene	19.42	202	2561750	21.633	ng/ul	100
83) Butylbenzylphthalate	20.35	149	1102478	21.878	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.12	252	607399	15.025	ng/ul	100
85) Benzo(a)anthracene	21.17	228	2356483	20.439	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.15	149	1631606	19.999	ng/ul	100
87) Chrysene	21.23	228	2343716	20.890	ng/ul	100
89) Di-n-octyl phthalate	22.02	149	2695945	18.571	ng/ul	100
90) Benzo(b)fluoranthene	22.73	252	2536178	20.930	ng/ul	100
91) Benzo(k)fluoranthene	22.77	252	2332859	19.179	ng/ul	100
93) Benzo(a)pyrene	23.29	252	2277502	20.199	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.58	276	2829823	19.650	ng/ul	100
95) Dibenzo(a,h)anthracene	25.59	278	2388841	19.650	ng/ul	100
96) Benzo(g,h,i)perylene	26.24	276	2333997	19.617	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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