Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013536.D
Acq On : 29 Jan 2021 13:17
Operator : CG/JU
Sample : SSTD08054
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08054

Manual Integrations APPROVED
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Quant Time: Jan 29 13:48:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 12:41:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	311226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1289168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	748577	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1534406	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1453153	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1526490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	220155	29.80	ng/uL	0.00
5) Phenol-d5	6.75	99	1958041	73.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	1085022	65.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	1646774	71.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	1553086	72.37	ng/ul	0.01
19) Nitrobenzene-d5	8.70	128	767807	69.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	853899	70.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	1538738	70.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	1796086	70.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	4109985	69.14	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	5495082	72.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	848113	76.16	ng/ul	0.01
58) Fluorene-d10	15.20	176	3515893	68.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	734423	69.55	ng/ul	0.01
71) Anthracene-d10	17.05	188	5267862	66.68	ng/ul	0.00
79) Pyrene-d10	19.35	212	5673947	66.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	6226849	71.88	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	227903	29.884	ng/uL	98
4) Benzaldehyde	6.71	77	843371	64.074	ng/ul	98
6) Phenol	6.77	94	2050592	77.560	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.00	93	1560449	72.344	ng/ul	99
10) 2-Chlorophenol	7.13	128	1711328	73.665	ng/ul	99
11) 2-Methylphenol	8.00	108	1543950	76.610	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	2208336	60.209	ng/ul	99
14) Acetophenone	8.38	105	2376090	74.817	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.38	70	1112801	69.067	ng/ul	99
16) 4-Methylphenol	8.33	108	1679196	78.282	ng/ul	96
17) Hexachloroethane	8.62	117	660227	64.474	ng/ul	97
20) Nitrobenzene	8.75	77	1700344	64.419	ng/ul	99
21) Isophorone	9.27	82	3122476	67.982	ng/ul	100
23) 2-Nitrophenol	9.45	139	939152	73.560	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	1778602	72.501	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	2025597	68.932	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	1534328	72.853	ng/ul	97
28) Naphthalene	10.38	128	5193250	69.950	ng/ul	99
30) 4-Chloroaniline	10.49	127	1817265	74.054	ng/ul	98
31) Hexachlorobutadiene	10.66	225	904493	65.725	ng/ul	98
32) Caprolactam	11.25	113	496042m	81.226	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	1613770	75.337	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	3613647	73.382	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	3528739	61.415 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	1706392	66.084 ng/ul	97
38) Hexachlorocyclopentadiene	12.35	237	1098337	73.820 ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	1146889	69.755 ng/ul	100
40) 2,4,5-Trichlorophenol	12.69	196	1257508	71.966 ng/ul	97
41) 1,1'-Biphenyl	13.02	154	4449539	68.038 ng/ul	98
42) 2-Chloronaphthalene	13.06	162	3466655	67.719 ng/ul	99
43) 2-Nitroaniline	13.27	65	982513	67.033 ng/ul	91
45) Dimethylphthalate	13.66	163	4221581	70.064 ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	937279	76.029 ng/ul	96
48) Acenaphthylene	13.92	152	5235608	68.902 ng/ul	100
49) 3-Nitroaniline	14.10	138	827472	73.786 ng/ul	99
50) Acenaphthene	14.26	153	3701371	68.539 ng/ul	98
51) 2,4-Dinitrophenol	14.31	184	539494	74.057 ng/ul	98
53) 4-Nitrophenol	14.43	109	608548	71.227 ng/ul	99
54) Dibenzofuran	14.60	168	5017617	69.246 ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	1312821	77.128 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.83	232	1014544	70.989 ng/ul	94
57) Diethylphthalate	15.05	149	4247035	68.927 ng/ul	100
59) Fluorene	15.25	166	3963756	66.488 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	1845468	62.988 ng/ul	91
61) 4-Nitroaniline	15.28	138	904309	82.247 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.34	198	742371	66.886 ng/ul#	94
65) N-Nitrosodiphenylamine	15.47	169	3555489	68.295 ng/ul	96
66) 4-Bromophenyl-phenylether	16.15	248	1225381	66.904 ng/ul	97
67) Hexachlorobenzene	16.26	284	1334939	63.708 ng/ul	93
68) Atrazine	16.43	200	1252856	69.230 ng/ul	98
69) Pentachlorophenol	16.60	266	853047	69.950 ng/ul	94
70) Phenanthrene	16.99	178	6447134	68.048 ng/ul	99
72) Anthracene	17.08	178	6453531	66.731 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	1730838	65.316 ng/uL	98
74) Pentachlorobenzene	14.52	250	1613124	64.866 ng/uL	96
75) Carbazole	17.35	167	5861562	71.312 ng/ul	98
76) Di-n-butylphthalate	17.93	149	7258648	65.954 ng/ul	99
77) Fluoranthene	19.02	202	7145716	69.315 ng/ul	100
80) Pyrene	19.38	202	7124908	63.378 ng/ul	98
81) Butylbenzylphthalate	20.30	149	3303962	65.622 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.07	252	2256717	69.665 ng/ul	97
83) Benzo(a)anthracene	21.13	228	6816776	67.498 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	4767420	63.113 ng/ul	99
85) Chrysene	21.19	228	6605902	67.461 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	8279380	64.632 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	7457283	72.162 ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	6921151	68.407 ng/ul	98
91) Benzo(a)pyrene	23.23	252	6546988	68.618 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	8443394	72.593 ng/ul	96
93) Dibenzo(a,h)anthracene	25.50	278	7075526	72.180 ng/ul	96
94) Benzo(g,h,i)perylene	26.14	276	7258704	74.798 ng/ul	99

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

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