Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011521\
Data File : BN013416.D
Acq On : 15 Jan 2021 16:36
Operator : CG/JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080056

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Quant Time: Jan 15 17:09:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:56:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	495195	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1984636	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	1073915	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2000653	20.00	ng/ul	0.00
79) Chrysene-d12	21.18	240	1522279	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1493567	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	387936	29.86	ng/uL	0.00
4) Pyridine-d5	3.57	84	2569595	79.23	ng/ul	0.00
7) Phenol-d5	6.78	99	3156997	75.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	1810880	78.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	2750716	75.94	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	2514451	74.85	ng/ul	0.01
21) Nitrobenzene-d5	8.74	128	1285301	81.31	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	1416076	86.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	2483431	77.14	ng/ul	0.01
31) 4-Chloroaniline-d4	10.50	131	3352237	76.10	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	6139377	73.92	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	7850878	76.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	1218006	80.29	ng/ul	0.02
60) Fluorene-d10	15.23	176	5188889	72.22	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	1002450	101.80	ng/ul	0.01
73) Anthracene-d10	17.08	188	7204125	74.14	ng/ul	0.00
81) Pyrene-d10	19.38	212	7004701	85.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.23	264	6300337	80.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	398767	30.892	ng/uL	97
5) Pyridine	3.59	79	2583291	79.132	ng/ul	98
6) Benzaldehyde	6.75	77	1279789	81.970	ng/ul	97
8) Phenol	6.80	94	3214174	76.409	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.03	93	2600029	77.999	ng/ul	99
12) 2-Chlorophenol	7.16	128	2787364	75.515	ng/ul	99
13) 2-Methylphenol	8.03	108	2450376	75.609	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	3606511	77.212	ng/ul	98
16) Acetophenone	8.41	105	3661595	74.266	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.42	70	1681942	68.755	ng/ul	95
18) 4-Methylphenol	8.37	108	2600279	74.741	ng/ul	97
19) Hexachloroethane	8.66	117	1137353	78.526	ng/ul	99
22) Nitrobenzene	8.78	77	2715093	76.631	ng/ul	100
23) Isophorone	9.31	82	4969836	74.177	ng/ul	100
25) 2-Nitrophenol	9.49	139	1518601	83.702	ng/ul	94
26) 2,4-Dimethylphenol	9.55	107	2726483	74.423	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	3240105	74.764	ng/ul	99
29) 2,4-Dichlorophenol	10.01	162	2403703	75.840	ng/ul	99
30) Naphthalene	10.41	128	8274174	74.303	ng/ul	99
32) 4-Chloroaniline	10.52	127	3198789	76.293	ng/ul	98
33) Hexachlorobutadiene	10.70	225	1534187	77.436	ng/ul	96
34) Caprolactam	11.31	113	710518m	72.698	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	2444160	72.003	ng/ul	99
36) 2-Methylnaphthalene	12.03	142	5597873	73.106	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	5372701	72.794	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	2594229	80.269	ng/ul	97
40) Hexachlorocyclopentadiene	12.39	237	1762596	104.673	ng/ul	97
41) 2,4,6-Trichlorophenol	12.65	196	1763086	82.725	ng/ul	96
42) 2,4,5-Trichlorophenol	12.72	196	1864933	82.229	ng/ul	99
43) 1,1'-Biphenyl	13.06	154	6743014	77.952	ng/ul	98
44) 2-Chloronaphthalene	13.09	162	5330677	78.248	ng/ul	98
45) 2-Nitroaniline	13.30	65	1406206	81.003	ng/ul	97
47) Dimethylphthalate	13.70	163	6185169	72.581	ng/ul	99
48) 2,6-Dinitrotoluene	13.82	165	1371214	84.838	ng/ul	98
50) Acenaphthylene	13.95	152	7794051	75.250	ng/ul	98
51) 3-Nitroaniline	14.14	138	1300813	87.252	ng/ul	93
52) Acenaphthene	14.29	153	5483222	75.034	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	764600	105.558	ng/ul	96
55) 4-Nitrophenol	14.46	109	858056	75.120	ng/ul	99
56) Dibenzofuran	14.63	168	7332817	73.291	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	1854483	80.525	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.86	232	1490940	77.850	ng/ul	99
59) Diethylphthalate	15.08	149	6151302	71.003	ng/ul	99
61) Fluorene	15.29	166	5531544	68.246	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.29	204	2678492	68.553	ng/ul	99
63) 4-Nitroaniline	15.32	138	1135658	81.103	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.37	198	1070748	97.719	ng/ul	98
67) N-Nitrosodiphenylamine	15.50	169	4976783	78.948	ng/ul	97
68) 4-Bromophenyl-phenylether	16.18	248	1773350	80.533	ng/ul	95
69) Hexachlorobenzene	16.29	284	1948368	78.047	ng/ul	98
70) Atrazine	16.46	200	1733167	80.488	ng/ul	98
71) Pentachlorophenol	16.63	266	1223934	87.917	ng/ul	96
72) Phenanthrene	17.02	178	8810580	75.901	ng/ul	99
74) Anthracene	17.12	178	8731033	73.701	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	2613470	90.123	ng/uL	99
76) Pentachlorobenzene	14.55	250	2443090	84.438	ng/uL	99
77) Carbazole	17.38	167	7655983	79.619	ng/ul	99
78) Di-n-butylphthalate	17.97	149	9515989	72.609	ng/ul	100
80) Fluoranthene	19.05	202	9110608	86.851	ng/ul	100
82) Pyrene	19.41	202	8973000	83.440	ng/ul	97
83) Butylbenzylphthalate	20.33	149	3801715	82.251	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.10	252	2261156	78.544	ng/ul	98
85) Benzo(a)anthracene	21.16	228	7649558	76.130	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	5190272	75.803	ng/ul	98
87) Chrysene	21.22	228	7302194	74.214	ng/ul	97
89) Di-n-octyl phthalate	21.99	149	8515690	91.651	ng/ul	100
90) Benzo(b)fluoranthene	22.72	252	7683467	80.678	ng/ul	100
91) Benzo(k)fluoranthene	22.76	252	7274482	80.196	ng/ul	99
93) Benzo(a)pyrene	23.28	252	6972897	80.759	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.56	276	8743615	80.850	ng/ul	97
95) Dibenzo(a,h)anthracene	25.57	278	7192052	79.352	ng/ul	98
96) Benzo(g,h,i)perylene	26.23	276	7691678	83.929	ng/ul	100

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

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