Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029873.D
Acq On : 07 May 2021 12:36
Operator : CG/JU
Sample : SSTD08015
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD080015

Manual Integrations APPROVED
mohammad
5/10/2021 11:44:54 AM

Quant Time: May 07 13:12:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 12:05:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	132295	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	607398	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	402054	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	823464	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	906875	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	861967	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	117512	35.37	ng/uL	0.00
4) Pyridine-d5	3.47	84	811750	96.42	ng/ul	-0.01
7) Phenol-d5	6.75	99	1149748	94.22	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	689234	94.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	918942	96.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	938909	93.12	ng/ul	0.01
21) Nitrobenzene-d5	8.72	128	438646	114.75	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	503768	116.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	959810	98.97	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1324118	93.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	2830668	93.58	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	3677520	93.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	504432	108.07	ng/ul	0.01
60) Fluorene-d10	15.21	176	2396518	92.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	523438	104.48	ng/ul	0.01
73) Anthracene-d10	17.06	188	3778062	91.00	ng/ul	0.00
81) Pyrene-d10	19.35	212	4297606	82.06	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	4555847	92.95	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	127158	35.790	ng/uL	98
5) Pyridine	3.49	79	835612	97.325	ng/ul	89
6) Benzaldehyde	6.71	77	612614	96.641	ng/ul	99
8) Phenol	6.78	94	1162969	93.591	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.00	93	895177	91.644	ng/ul	98
12) 2-Chlorophenol	7.13	128	935430	96.881	ng/ul	99
13) 2-Methylphenol	8.01	108	876494	92.300	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.09	45	1327231	95.280	ng/ul	99
16) Acetophenone	8.39	105	1507796	94.161	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	809600	103.945	ng/ul	99
18) 4-Methylphenol	8.35	108	974335	93.519	ng/ul	97
19) Hexachloroethane	8.62	117	383879	96.543	ng/ul	99
22) Nitrobenzene	8.76	77	1095595	107.362	ng/ul	99
23) Isophorone	9.29	82	2178022	96.669	ng/ul	100
25) 2-Nitrophenol	9.46	139	540830	110.534	ng/ul	96
26) 2,4-Dimethylphenol	9.53	107	1098964	97.470	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.77	93	1269579	95.627	ng/ul	100
29) 2,4-Dichlorophenol	9.99	162	913254	99.094	ng/ul	99
30) Naphthalene	10.39	128	3047129	90.733	ng/ul	99
32) 4-Chloroaniline	10.50	127	1364574	93.327	ng/ul	99
33) Hexachlorobutadiene	10.67	225	567007	90.131	ng/ul	97
34) Caprolactam	11.32	113	306177m	97.103	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	1011258	100.228 ng/ul	100
36) 2-Methylnaphthalene	12.00	142	2264072	93.557 ng/ul	99
37) 1-Methylnaphthalene	12.23	142	2212944	92.167 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	1159834	91.954 ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	653972	105.029 ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	749585	97.268 ng/ul	98
42) 2,4,5-Trichlorophenol	12.71	196	804648	98.677 ng/ul	99
43) 1,1'-Biphenyl	13.04	154	2868136	91.975 ng/ul	98
44) 2-Chloronaphthalene	13.07	162	2213279	92.248 ng/ul	99
45) 2-Nitroaniline	13.30	65	693098	135.902 ng/ul	96
47) Dimethylphthalate	13.68	163	2814168	92.417 ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	602095	126.723 ng/ul	92
50) Acenaphthylene	13.93	152	3522354	92.533 ng/ul	99
51) 3-Nitroaniline	14.13	138	621816	106.663 ng/ul	97
52) Acenaphthene	14.27	153	2439685	91.136 ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	346159	103.198 ng/ul	98
55) 4-Nitrophenol	14.46	109	387174	110.373 ng/ul	95
56) Dibenzofuran	14.61	168	3351725	91.665 ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	869922	119.081 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.85	232	742383	99.198 ng/ul	97
59) Diethylphthalate	15.05	149	2969639	96.917 ng/ul	99
61) Fluorene	15.26	166	2914185	94.575 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	1426673	93.469 ng/ul	98
63) 4-Nitroaniline	15.31	138	624279m	111.257 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	513827	102.704 ng/ul#	97
67) N-Nitrosodiphenylamine	15.48	169	2508704	92.395 ng/ul	99
68) 4-Bromophenyl-phenylether	16.15	248	873669	92.476 ng/ul	97
69) Hexachlorobenzene	16.26	284	1005343	90.852 ng/ul	98
70) Atrazine	16.45	200	908520	95.526 ng/ul	100
71) Pentachlorophenol	16.62	266	598773	96.341 ng/ul	99
72) Phenanthrene	17.00	178	4417070	91.198 ng/ul	99
74) Anthracene	17.09	178	4629431	93.630 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	1210483	87.230 ng/uL	99
76) Pentachlorobenzene	14.53	250	1156628	89.139 ng/uL	99
77) Carbazole	17.36	167	4134639	93.299 ng/ul	99
78) Di-n-butylphthalate	17.93	149	5232939	104.454 ng/ul	100
80) Fluoranthene	19.02	202	5185454	80.867 ng/ul	97
82) Pyrene	19.39	202	5389555	80.179 ng/ul	99
83) Butylbenzylphthalate	20.29	149	2286909	118.597 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.07	252	2011924	107.630 ng/ul	99
85) Benzo(a)anthracene	21.13	228	5306756	89.697 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.07	149	3746222	118.287 ng/ul	97
87) Chrysene	21.18	228	5238778	88.210 ng/ul	98
89) Di-n-octyl phthalate	21.93	149	6258822	102.198 ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	5232284	90.928 ng/ul	99
91) Benzo(k)fluoranthene	22.71	252	5475988	91.304 ng/ul	99
93) Benzo(a)pyrene	23.22	252	4699083	91.874 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.47	276	5341946	90.519 ng/ul	97
95) Dibenzo(a,h)anthracene	25.48	278	4572495	92.670 ng/ul	99
96) Benzo(g,h,i)perylene	26.13	276	4191469	86.441 ng/ul	99

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

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