Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029872.D
Acq On : 07 May 2021 12:00
Operator : CG/JU
Sample : SSTD04014
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040014

Manual Integrations APPROVED
mohammad
5/10/2021 11:45:03 AM

Quant Time: May 07 12:32:43 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	132826	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	613733	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	405773	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	849291	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	952113	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	995582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	56391	16.91	ng/uL	0.00
4) Pyridine-d5	3.48	84	355868	42.10	ng/ul	0.00
7) Phenol-d5	6.75	99	506110	41.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	316191	43.11	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	417664	43.89	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	425476	42.03	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	190572	49.34	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	218965	50.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	425792	43.45	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	595850	41.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	1312365	42.99	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	1695573	42.80	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	215899	45.83	ng/ul	0.00
60) Fluorene-d10	15.20	176	1120158	42.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	221138	42.80	ng/ul	0.00
73) Anthracene-d10	17.05	188	1769450	41.32	ng/ul	0.00
81) Pyrene-d10	19.35	212	2022211	36.78	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	2367796	41.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	60206	16.878	ng/uL	96
5) Pyridine	3.49	79	359080	41.655	ng/ul	94
6) Benzaldehyde	6.71	77	300343	47.190	ng/ul	98
8) Phenol	6.77	94	518531	41.563	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.99	93	410837	41.891	ng/ul	98
12) 2-Chlorophenol	7.12	128	420029	43.328	ng/ul	99
13) 2-Methylphenol	8.01	108	392021	41.117	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.09	45	622314	44.496	ng/ul	99
16) Acetophenone	8.38	105	668776	41.598	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	367476	46.992	ng/ul	99
18) 4-Methylphenol	8.34	108	437506	41.825	ng/ul	99
19) Hexachloroethane	8.62	117	172308	43.161	ng/ul	96
22) Nitrobenzene	8.76	77	495638	48.068	ng/ul	98
23) Isophorone	9.28	82	997299	43.807	ng/ul	100
25) 2-Nitrophenol	9.46	139	234407	47.413	ng/ul	98
26) 2,4-Dimethylphenol	9.53	107	498950	43.796	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	581301	43.333	ng/ul	98
29) 2,4-Dichlorophenol	9.99	162	411977	44.241	ng/ul	98
30) Naphthalene	10.38	128	1413005	41.640	ng/ul	99
32) 4-Chloroaniline	10.50	127	611590	41.397	ng/ul	100
33) Hexachlorobutadiene	10.66	225	259679	40.852	ng/ul	96
34) Caprolactam	11.29	113	141946m	44.553	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	456619	44.789	ng/ul	99
36) 2-Methylnaphthalene	12.00	142	1037698	42.437	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	1020072	42.046	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	521830	40.993	ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	260056	41.383	ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	333869	42.927	ng/ul	100
42) 2,4,5-Trichlorophenol	12.70	196	355269	43.169	ng/ul	98
43) 1,1'-Biphenyl	13.03	154	1320987	41.973	ng/ul	99
44) 2-Chloronaphthalene	13.07	162	1015576	41.941	ng/ul	99
45) 2-Nitroaniline	13.29	65	299390	58.166	ng/ul	98
47) Dimethylphthalate	13.67	163	1314064	42.758	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	261283	54.488	ng/ul	92
50) Acenaphthylene	13.93	152	1625862	42.320	ng/ul	98
51) 3-Nitroaniline	14.13	138	271592	46.160	ng/ul	96
52) Acenaphthene	14.27	153	1124479	41.620	ng/ul	98
53) 2,4-Dinitrophenol	14.34	184	134288	39.668	ng/ul	97
55) 4-Nitrophenol	14.45	109	167808	47.399	ng/ul	95
56) Dibenzofuran	14.61	168	1545292	41.874	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	386898	52.476	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	330030	43.695	ng/ul	98
59) Diethylphthalate	15.05	149	1382161	44.695	ng/ul	100
61) Fluorene	15.26	166	1338737	43.048	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	653535	42.424	ng/ul	99
63) 4-Nitroaniline	15.30	138	284678m	50.269	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	218191	42.286	ng/ul#	97
67) N-Nitrosodiphenylamine	15.47	169	1150310	41.077	ng/ul	99
68) 4-Bromophenyl-phenylether	16.15	248	393968	40.433	ng/ul	99
69) Hexachlorobenzene	16.26	284	458005	40.131	ng/ul	98
70) Atrazine	16.43	200	416123	42.423	ng/ul	99
71) Pentachlorophenol	16.61	266	255024	39.785	ng/ul	99
72) Phenanthrene	16.99	178	2060246	41.244	ng/ul	100
74) Anthracene	17.09	178	2138639	41.939	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	561662	39.244	ng/uL	97
76) Pentachlorobenzene	14.53	250	521772	38.989	ng/uL	98
77) Carbazole	17.36	167	1929498	42.215	ng/ul	99
78) Di-n-butylphthalate	17.93	149	2416695	46.772	ng/ul	100
80) Fluoranthene	19.02	202	2468867	36.673	ng/ul	100
82) Pyrene	19.38	202	2582651	36.596	ng/ul	98
83) Butylbenzylphthalate	20.29	149	997413	49.267	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.06	252	976105	49.737	ng/ul	100
85) Benzo(a)anthracene	21.12	228	2582834	41.582	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	1726658	51.929	ng/ul	99
87) Chrysene	21.17	228	2569094	41.203	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2983655	42.181	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	2696227	40.568	ng/ul	100
91) Benzo(k)fluoranthene	22.70	252	2792414	40.311	ng/ul	99
93) Benzo(a)pyrene	23.21	252	2470442	41.818	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.46	276	3139853	46.064	ng/ul	99
95) Dibenzo(a,h)anthracene	25.47	278	2650300	46.505	ng/ul	99
96) Benzo(g,h,i)perylene	26.11	276	2526902	45.119	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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