Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029787.D
Acq On : 04 May 2021 12:48
Operator : CG/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080014

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:51 AM

Quant Time: May 04 13:41:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 12:20:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	101692	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	414356	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	243928	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	475301	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	510683	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	542307	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	97571	46.90	ng/uL	0.00
4) Pyridine-d5	3.49	84	625977	138.97	ng/ul	-0.01
7) Phenol-d5	6.76	99	806861	117.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	488762	136.28	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	672680	108.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	642902	109.62	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	306903	101.71	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	351644	92.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	625892	78.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	834882	92.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1663931	86.11	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	2249940	94.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	294139	115.08	ng/ul	0.00
60) Fluorene-d10	15.22	176	1407267	84.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	310891	89.96	ng/ul	0.00
73) Anthracene-d10	17.07	188	2164180	90.33	ng/ul	0.00
81) Pyrene-d10	19.36	212	2416566	92.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	2817824	90.56	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	105554	48.215	ng/uL	94
5) Pyridine	3.50	79	646986	134.951	ng/ul	88
6) Benzaldehyde	6.72	77	463023	117.905	ng/ul	97
8) Phenol	6.79	94	823970	121.408	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.01	93	634359	122.135	ng/ul	98
12) 2-Chlorophenol	7.14	128	679751	110.305	ng/ul	99
13) 2-Methylphenol	8.02	108	616291	113.130	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.10	45	950383	186.407	ng/ul	99
16) Acetophenone	8.40	105	972239	107.547	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.39	70	526311	120.804	ng/ul	98
18) 4-Methylphenol	8.36	108	656168	110.552	ng/ul	95
19) Hexachloroethane	8.63	117	284511	102.106	ng/ul	98
22) Nitrobenzene	8.77	77	750857	112.654	ng/ul	100
23) Isophorone	9.30	82	1379002	107.252	ng/ul	99
25) 2-Nitrophenol	9.47	139	372739	94.030	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	718301	99.536	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.77	93	828824	110.737	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	595025	79.823	ng/ul	97
30) Naphthalene	10.40	128	2054732	93.297	ng/ul	99
32) 4-Chloroaniline	10.52	127	867805	95.789	ng/ul	99
33) Hexachlorobutadiene	10.68	225	372007	57.739	ng/ul	96
34) Caprolactam	11.31	113	189298m	91.972	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.66	107	617977	97.334 ng/ul	96
36) 2-Methylnaphthalene	12.02	142	1439561	84.636 ng/ul	99
37) 1-Methylnaphthalene	12.24	142	1417538	85.620 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	720995	75.845 ng/ul	97
40) Hexachlorocyclopentadiene	12.37	237	400170	85.754 ng/ul	95
41) 2,4,6-Trichlorophenol	12.64	196	457329	83.355 ng/ul	99
42) 2,4,5-Trichlorophenol	12.72	196	482476	83.861 ng/ul	99
43) 1,1'-Biphenyl	13.05	154	1781677	97.677 ng/ul	98
44) 2-Chloronaphthalene	13.09	162	1370053	93.236 ng/ul	98
45) 2-Nitroaniline	13.30	65	434960	153.289 ng/ul	97
47) Dimethylphthalate	13.69	163	1651548	88.126 ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	362527	95.972 ng/ul	93
50) Acenaphthylene	13.94	152	2144364	96.686 ng/ul	99
51) 3-Nitroaniline	14.14	138	377149	112.159 ng/ul	96
52) Acenaphthene	14.29	153	1491880	96.451 ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	201973	89.687 ng/ul	87
55) 4-Nitrophenol	14.46	109	212496	117.551 ng/ul	94
56) Dibenzofuran	14.62	168	1998130	86.934 ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	507860	95.891 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.86	232	431466	79.418 ng/ul	97
59) Diethylphthalate	15.06	149	1691043	95.056 ng/ul	99
61) Fluorene	15.27	166	1703484	88.848 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	814677	76.071 ng/ul	98
63) 4-Nitroaniline	15.31	138	380017m	106.236 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	302688	90.914 ng/ul#	95
67) N-Nitrosodiphenylamine	15.49	169	1455039	99.136 ng/ul	98
68) 4-Bromophenyl-phenylether	16.16	248	492633	84.494 ng/ul	98
69) Hexachlorobenzene	16.27	284	571940	84.939 ng/ul	99
70) Atrazine	16.45	200	505778	83.633 ng/ul	99
71) Pentachlorophenol	16.62	266	335745	94.758 ng/ul	92
72) Phenanthrene	17.01	178	2541353	93.227 ng/ul	100
74) Anthracene	17.10	178	2638319	94.181 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	748845	84.719 ng/uL	98
76) Pentachlorobenzene	14.54	250	676838	81.763 ng/uL	98
77) Carbazole	17.37	167	2358283	96.463 ng/ul	99
78) Di-n-butylphthalate	17.94	149	2920604	112.476 ng/ul	100
80) Fluoranthene	19.03	202	2933803	95.646 ng/ul	99
82) Pyrene	19.39	202	3089408	94.654 ng/ul	99
83) Butylbenzylphthalate	20.30	149	1354777	119.621 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.07	252	1148555	87.625 ng/ul	99
85) Benzo(a)anthracene	21.14	228	2995088	89.628 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	2102678	120.987 ng/ul#	100
87) Chrysene	21.19	228	2978032	89.179 ng/ul	98
89) Di-n-octyl phthalate	21.94	149	3575579	114.887 ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	3315893	93.821 ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	3122036	89.677 ng/ul	99
93) Benzo(a)pyrene	23.23	252	2922422	91.393 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	3920982	93.634 ng/ul	95
95) Dibenzo(a,h)anthracene	25.50	278	3303160	94.509 ng/ul	99
96) Benzo(g,h,i)perylene	26.16	276	3194515	92.885 ng/ul	99

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

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