Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030116.D
Acq On : 21 May 2021 17:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020099

Manual Integrations APPROVED
mohammad
5/24/2021 1:52:35 PM

Quant Time: May 21 17:45:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141494	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	652875	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	434291	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	847193	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	709701	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	609268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	27083	7.64	ng/uL	0.00
4) Pyridine-d5	3.45	84	153809	17.34	ng/ul	0.00
7) Phenol-d5	6.70	99	229933	17.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	152221	18.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	195409	19.24	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	190771	17.53	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	90137	20.03	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	103228	20.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	193226	18.98	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	266393	17.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	605106	17.98	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	771671	18.09	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	79143	14.44	ng/ul	0.00
60) Fluorene-d10	15.16	176	511864	17.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	99461	18.07	ng/ul	0.00
73) Anthracene-d10	17.01	188	761464	17.85	ng/ul	0.00
81) Pyrene-d10	19.31	212	781653	21.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	643491	18.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	31032	8.093	ng/uL	95
5) Pyridine	3.47	79	156052	17.151	ng/ul	98
6) Benzaldehyde	6.67	77	136089m	20.036	ng/ul	
8) Phenol	6.73	94	242309	18.037	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.95	93	192818	18.152	ng/ul	99
12) 2-Chlorophenol	7.08	128	195471	18.873	ng/ul	99
13) 2-Methylphenol	7.96	108	183173	17.996	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.04	45	335456	20.966	ng/ul	98
16) Acetophenone	8.33	105	310372	17.773	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.32	70	177754	19.894	ng/ul	94
18) 4-Methylphenol	8.29	108	196336	17.400	ng/ul	99
19) Hexachloroethane	8.57	117	84720	19.361	ng/ul	99
22) Nitrobenzene	8.71	77	235989	20.130	ng/ul	96
23) Isophorone	9.23	82	460541	18.572	ng/ul	99
25) 2-Nitrophenol	9.42	139	108139	19.615	ng/ul	98
26) 2,4-Dimethylphenol	9.48	107	233518	18.771	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	274047	18.869	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	183367	18.337	ng/ul	98
30) Naphthalene	10.33	128	664513	18.337	ng/ul	99
32) 4-Chloroaniline	10.46	127	267622	16.764	ng/ul	99
33) Hexachlorobutadiene	10.61	225	124175	18.521	ng/ul	96
34) Caprolactam	11.28	113	55836m	15.733	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	206595	18.669	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	477752	18.174	ng/ul	100
37) 1-Methylnaphthalene	12.17	142	473635	18.181	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	243840	18.170	ng/ul	99
40) Hexachlorocyclopentadiene	12.30	237	138031	19.801	ng/ul	98
41) 2,4,6-Trichlorophenol	12.59	196	152752	18.665	ng/ul	98
42) 2,4,5-Trichlorophenol	12.66	196	163456	18.872	ng/ul	97
43) 1,1'-Biphenyl	12.99	154	609180	18.044	ng/ul	97
44) 2-Chloronaphthalene	13.03	162	474222	18.304	ng/ul	99
45) 2-Nitroaniline	13.25	65	142755	21.800	ng/ul	94
47) Dimethylphthalate	13.63	163	603135	17.893	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	118785	19.631	ng/ul	97
50) Acenaphthylene	13.88	152	738585	17.902	ng/ul	99
51) 3-Nitroaniline	14.09	138	113664	16.721	ng/ul	98
52) Acenaphthene	14.23	153	524873	18.001	ng/ul	100
53) 2,4-Dinitrophenol	14.31	184	81293	19.746	ng/ul	93
55) 4-Nitrophenol	14.42	109	81892	19.426	ng/ul	98
56) Dibenzofuran	14.56	168	717938	17.977	ng/ul	97
57) 2,4-Dinitrotoluene	14.55	165	171022	19.100	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.80	232	147189	17.847	ng/ul	98
59) Diethylphthalate	15.00	149	629590	17.909	ng/ul	99
61) Fluorene	15.22	166	602636	17.651	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	298971	17.821	ng/ul	100
63) 4-Nitroaniline	15.26	138	107595m	15.968	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	98015	18.098	ng/ul	98
67) N-Nitrosodiphenylamine	15.43	169	516509	18.768	ng/ul	98
68) 4-Bromophenyl-phenylether	16.11	248	174715	18.528	ng/ul	98
69) Hexachlorobenzene	16.22	284	201909	18.030	ng/ul	98
70) Atrazine	16.39	200	173885	17.125	ng/ul	98
71) Pentachlorophenol	16.57	266	107896	16.815	ng/ul	96
72) Phenanthrene	16.95	178	893997	17.896	ng/ul	100
74) Anthracene	17.04	178	913082	17.879	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	257563	19.220	ng/uL	96
76) Pentachlorobenzene	14.49	250	242484	18.974	ng/uL	98
77) Carbazole	17.32	167	779913	16.667	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1015861	18.291	ng/ul	100
80) Fluoranthene	18.97	202	962804	21.729	ng/ul	98
82) Pyrene	19.34	202	1002683	21.503	ng/ul	99
83) Butylbenzylphthalate	20.26	149	389601	23.511	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.03	252	280429	17.368	ng/ul	96
85) Benzo(a)anthracene	21.09	228	859656	18.566	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.03	149	577382	20.208	ng/ul	99
87) Chrysene	21.14	228	831363	18.027	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	901817	19.343	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	753980	19.078	ng/ul	100
91) Benzo(k)fluoranthene	22.65	252	802000	19.303	ng/ul	99
93) Benzo(a)pyrene	23.16	252	675793	18.828	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.37	276	828117	19.062	ng/ul	98
95) Dibenzo(a,h)anthracene	25.38	278	700516	19.023	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	681376	19.358	ng/ul	99

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

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