Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029744.D
Acq On : 01 May 2021 12:48
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010016

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:16 PM

Quant Time: May 01 15:13:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	49472	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	182290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	135454	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	307713	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	338801	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	370288	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3635	2.89	ng/uL	0.00
4) Pyridine-d5	3.51	84	15499	4.71	ng/ul	0.01
7) Phenol-d5	6.77	99	28502	7.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	15878	7.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	27655	9.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	25026	8.25	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	12608	10.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	15670	14.18	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	32671	11.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	36733	8.96	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	108153	10.59	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	129559	10.73	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	8715	5.24	ng/ul	0.01
60) Fluorene-d10	15.22	176	92985	10.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	16050	11.06	ng/ul	0.00
73) Anthracene-d10	17.07	188	149831	10.20	ng/ul	0.00
81) Pyrene-d10	19.37	212	169577	10.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	202493	10.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	3572	2.827	ng/uL#	90
5) Pyridine	3.53	79	16933	5.010	ng/ul	94
6) Benzaldehyde	6.73	77	18445m	8.797	ng/ul	
8) Phenol	6.79	94	28364	6.908	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.02	93	23150	7.630	ng/ul	98
12) 2-Chlorophenol	7.15	128	28375	8.746	ng/ul	98
13) 2-Methylphenol	8.03	108	23008	7.596	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.12	45	24933	6.269	ng/ul	95
16) Acetophenone	8.40	105	38226	7.713	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	20640	8.755	ng/ul	94
18) 4-Methylphenol	8.36	108	26098	8.115	ng/ul	93
19) Hexachloroethane	8.65	117	13411	9.651	ng/ul	90
22) Nitrobenzene	8.78	77	29198	8.637	ng/ul	97
23) Isophorone	9.30	82	56115	9.291	ng/ul	99
25) 2-Nitrophenol	9.49	139	15884	12.473	ng/ul	98
26) 2,4-Dimethylphenol	9.55	107	29860	8.628	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.79	93	31893	8.840	ng/ul#	97
29) 2,4-Dichlorophenol	10.02	162	30017	10.239	ng/ul	95
30) Naphthalene	10.40	128	95091	9.629	ng/ul	98
32) 4-Chloroaniline	10.53	127	36282	8.706	ng/ul	98
33) Hexachlorobutadiene	10.69	225	27347	12.991	ng/ul	94
34) Caprolactam	11.32	113	7479m	10.038	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	26931	9.457	ng/ul	91
36) 2-Methylnaphthalene	12.03	142	73345	10.513	ng/ul	95
37) 1-Methylnaphthalene	12.25	142	67993	9.871	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	48287	10.317	ng/ul	95
40) Hexachlorocyclopentadiene	12.38	237	15027	4.888	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.66	196	26930	10.464	ng/ul	96
42) 2,4,5-Trichlorophenol	12.73	196	26793	9.777	ng/ul	97
43) 1,1'-Biphenyl	13.06	154	97696	8.859	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	78856	9.058	ng/ul	99
45) 2-Nitroaniline	13.32	65	14492	7.760	ng/ul	97
47) Dimethylphthalate	13.69	163	101532	9.710	ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	19208	11.804	ng/ul	94
50) Acenaphthylene	13.94	152	119989	9.607	ng/ul	99
51) 3-Nitroaniline	14.15	138	15876	8.822	ng/ul	92
52) Acenaphthene	14.29	153	84706	9.133	ng/ul	99
53) 2,4-Dinitrophenol	14.37	184	4729	5.416	ng/ul	90
55) 4-Nitrophenol	14.48	109	5518	3.486	ng/ul	95
56) Dibenzofuran	14.63	168	124819	9.684	ng/ul	100
57) 2,4-Dinitrotoluene	14.61	165	27251	11.736	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.86	232	28487	12.972	ng/ul	97
59) Diethylphthalate	15.06	149	97785	9.499	ng/ul	99
61) Fluorene	15.28	166	106295	9.856	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	58495	10.806	ng/ul	94
63) 4-Nitroaniline	15.32	138	15121m	8.051	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	16619	10.891	ng/ul	98
67) N-Nitrosodiphenylamine	15.49	169	92385	9.399	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	34634	10.577	ng/ul	97
69) Hexachlorobenzene	16.28	284	41111	11.270	ng/ul	95
70) Atrazine	16.45	200	35714	9.484	ng/ul	100
71) Pentachlorophenol	16.63	266	15828	7.641	ng/ul	94
72) Phenanthrene	17.02	178	171166	9.422	ng/ul	99
74) Anthracene	17.10	178	172838	9.259	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	53582	10.782	ng/uL	98
76) Pentachlorobenzene	14.55	250	49770	10.259	ng/uL	96
77) Carbazole	17.39	167	135998	7.915	ng/ul	99
78) Di-n-butylphthalate	17.94	149	161588	9.105	ng/ul	100
80) Fluoranthene	19.03	202	198269	9.760	ng/ul	99
82) Pyrene	19.40	202	209662	9.846	ng/ul	98
83) Butylbenzylphthalate	20.30	149	70309	9.396	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.09	252	78864	11.240	ng/ul	98
85) Benzo(a)anthracene	21.14	228	214266	9.803	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.08	149	109646	8.918	ng/ul	98
87) Chrysene	21.19	228	216083	10.112	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	199476	8.445	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	227614	9.511	ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	232035	9.704	ng/ul	99
93) Benzo(a)pyrene	23.23	252	209317	9.653	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.49	276	277275	9.509	ng/ul	98
95) Dibenzo(a,h)anthracene	25.50	278	229623	9.333	ng/ul	99
96) Benzo(g,h,i)perylene	26.16	276	234490	9.805	ng/ul	99

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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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