Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029906.D
Acq On : 10 May 2021 15:20
Operator : CG/JU
Sample : M2276-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0AA0MS

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:31 PM

Quant Time: May 10 16:01:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 10 10:07:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	131570	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	617261	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	408842	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	837938	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	818214	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	659898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	17842	5.42	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	31083	2.54	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.90	67	248699	32.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	329389	34.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	64599	6.38	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	164191	38.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	180686	37.63	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	355349	36.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	12485	0.85	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	1289543	40.69	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	776436	19.33	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	35657	6.91	ng/ul	0.01
60) Fluorene-d10	15.20	176	1111184	41.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	217046	39.88	ng/ul	0.00
73) Anthracene-d10	17.04	188	1380561	32.72	ng/ul	0.00
81) Pyrene-d10	19.34	212	1806639	43.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	881518	23.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10631	2.982	ng/uL#	84
6) Benzaldehyde	6.70	77	284006	44.967	ng/ul	96
8) Phenol	6.78	94	13724	1.099	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.99	93	334618	33.878	ng/ul	99
12) 2-Chlorophenol	7.12	128	382303	39.696	ng/ul	99
13) 2-Methylphenol	8.01	108	25895	2.736	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.08	45	557896	37.498	ng/ul	95
16) Acetophenone	8.37	105	548166	33.757	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	298015	35.870	ng/ul	98
18) 4-Methylphenol	8.33	108	26207	2.498	ng/ul	97
19) Hexachloroethane	8.62	117	139700	34.334	ng/ul	98
22) Nitrobenzene	8.75	77	430959	38.881	ng/ul	97
23) Isophorone	9.27	82	822693	35.091	ng/ul	100
25) 2-Nitrophenol	9.46	139	194203	37.258	ng/ul	98
26) 2,4-Dimethylphenol	9.53	107	36888	3.136	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	476999	34.737	ng/ul	98
29) 2,4-Dichlorophenol	9.99	162	343890	36.374	ng/ul	95
30) Naphthalene	10.37	128	1158883	33.824	ng/ul	99
33) Hexachlorobutadiene	10.66	225	209480	33.046	ng/ul	97
34) Caprolactam	11.34	113	16800m	5.007	ng/ul	
35) 4-Chloro-3-methylphenol	11.63	107	154102	14.729	ng/ul	98
36) 2-Methylnaphthalene	12.00	142	702869	28.281	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.22	142	765762	31.090	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	439021	34.750	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	214773	32.727	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	289865	37.625	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	310164	38.040	ng/ul	98
43) 1,1'-Biphenyl	13.03	154	1176778	37.027	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	907615	37.212	ng/ul	100
45) 2-Nitroaniline	13.29	65	193445	31.380	ng/ul	95
47) Dimethylphthalate	13.67	163	1328747	41.874	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	262966	46.164	ng/ul	97
50) Acenaphthylene	13.92	152	933425	24.033	ng/ul	99
52) Acenaphthene	14.26	153	858180	31.264	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	124754	32.189	ng/ul	94
55) 4-Nitrophenol	14.46	109	22710	5.722	ng/ul	96
56) Dibenzofuran	14.60	168	1509419	40.148	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	376004	44.607	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.84	232	311449	40.113	ng/ul	100
59) Diethylphthalate	15.04	149	1361265	41.131	ng/ul	99
61) Fluorene	15.26	166	1311820	40.815	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	639416	40.486	ng/ul	99
63) 4-Nitroaniline	15.30	138	13673	2.156	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.35	198	215515	40.234	ng/ul#	99
67) N-Nitrosodiphenylamine	15.47	169	53535	1.967	ng/ul	98
68) 4-Bromophenyl-phenylether	16.14	248	391857	42.013	ng/ul	97
69) Hexachlorobenzene	16.26	284	451088	40.727	ng/ul	96
70) Atrazine	16.43	200	396541	39.485	ng/ul	99
71) Pentachlorophenol	16.61	266	235645	37.130	ng/ul	98
72) Phenanthrene	16.99	178	2010422	40.690	ng/ul	100
74) Anthracene	17.08	178	1800175	35.638	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	460885	34.772	ng/uL	99
76) Pentachlorobenzene	14.52	250	487473	38.565	ng/uL	99
77) Carbazole	17.36	167	992531	21.445	ng/ul	98
78) Di-n-butylphthalate	17.93	149	2420583	44.064	ng/ul	100
80) Fluoranthene	19.01	202	2381977	46.629	ng/ul	98
82) Pyrene	19.37	202	2401928	44.679	ng/ul	99
83) Butylbenzylphthalate	20.29	149	1019584	53.368	ng/ul	97
85) Benzo(a)anthracene	21.12	228	2221832	41.620	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1579771	47.957	ng/ul	99
87) Chrysene	21.17	228	2218476	41.724	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2614984	51.784	ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	1946472	45.474	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	2004866	44.551	ng/ul	100
93) Benzo(a)pyrene	23.20	252	953112	24.517	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.44	276	1851824	39.356	ng/ul	99
95) Dibenzo(a,h)anthracene	25.45	278	1574313	39.472	ng/ul	100
96) Benzo(g,h,i)perylene	26.10	276	1475809	38.712	ng/ul	99

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

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