Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042821\
Data File : BM029690.D
Acq On : 28 Apr 2021 13:32
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020021

Manual Integrations APPROVED
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4/29/2021 5:44:52 PM

Quant Time: Apr 28 14:17:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 28 12:12:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	78299	20.00	ng/ul	0.00
20) Naphthalene-d8	10.39	136	286002	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.26	164	194161	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.00	188	398127	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	405743	20.00	ng/ul	0.00
87) Perylene-d12	23.37	264	425764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	13532	6.27	ng/uL	0.00
4) Pyridine-d5	3.53	84	71627	12.52	ng/ul	0.00
7) Phenol-d5	6.79	99	98505	13.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.96	67	54343	11.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	88346	16.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.33	113	79472	14.49	ng/ul	0.00
21) Nitrobenzene-d5	8.77	128	39539	17.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.49	143	47655	19.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.02	165	99154	21.87	ng/ul	0.00
31) 4-Chloroaniline-d4	10.53	131	105947	16.42	ng/ul	0.00
46) Dimethylphthalate-d6	13.67	166	270003	18.04	ng/ul	0.00
49) Acenaphthylene-d8	13.95	160	320115	17.93	ng/ul	0.00
54) 4-Nitrophenol-d4	14.48	143	35629	12.44	ng/ul	0.00
60) Fluorene-d10	15.26	176	232267	18.85	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.39	200	45342	17.55	ng/ul	0.00
73) Anthracene-d10	17.10	188	353499	18.37	ng/ul	0.00
80) Pyrene-d10	19.40	212	389614	18.12	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.24	264	424378	18.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	13720	6.143	ng/uL#	82
5) Pyridine	3.55	79	73941	12.056	ng/ul	84
6) Benzaldehyde	6.76	77	64022	16.046	ng/ul	89
8) Phenol	6.82	94	101338	13.316	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.05	93	79055	13.673	ng/ul#	85
12) 2-Chlorophenol	7.18	128	92394	16.143	ng/ul	90
13) 2-Methylphenol	8.06	108	76960	14.036	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.15	45	85557	9.458	ng/ul#	91
16) Acetophenone	8.43	105	127828m	14.050	ng/ul	
17) N-Nitroso-di-n-propylamine	8.42	70	64208	12.911	ng/ul#	87
18) 4-Methylphenol	8.39	108	83211	14.087	ng/ul	94
19) Hexachloroethane	8.67	117	39882	15.427	ng/ul#	47
22) Nitrobenzene	8.81	77	96641	14.346	ng/ul#	90
23) Isophorone	9.33	82	172989	15.111	ng/ul	96
25) 2-Nitrophenol	9.52	139	50446	18.695	ng/ul#	82
26) 2,4-Dimethylphenol	9.58	107	94485	15.937	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.82	93	101567	15.181	ng/ul#	97
29) 2,4-Dichlorophenol	10.05	162	96652	21.320	ng/ul#	90
30) Naphthalene	10.44	128	283506	17.803	ng/ul	100
32) 4-Chloroaniline	10.56	127	107070	16.078	ng/ul	94
33) Hexachlorobutadiene	10.73	225	75262	28.087	ng/ul	98
34) Caprolactam	11.33	113	24239	17.201	ng/ul#	68

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.69	107	81627	16.207 ng/ul	93
36) 2-Methylnaphthalene	12.06	142	205986	18.852 ng/ul	96
37) 1-Methylnaphthalene	12.29	142	209074	19.155 ng/ul#	100
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	130823	23.024 ng/ul#	94
40) Hexachlorocyclopentadiene	12.42	237	60343	15.378 ng/ul	98
41) 2,4,6-Trichlorophenol	12.69	196	80321	20.880 ng/ul	97
42) 2,4,5-Trichlorophenol	12.76	196	86447	20.940 ng/ul	99
43) 1,1'-Biphenyl	13.09	154	273829	16.610 ng/ul#	97
44) 2-Chloronaphthalene	13.13	162	222915	17.711 ng/ul#	92
45) 2-Nitroaniline	13.34	65	48193m	11.108 ng/ul	
47) Dimethylphthalate	13.72	163	270358	17.633 ng/ul#	99
48) 2,6-Dinitrotoluene	13.85	165	54863	18.552 ng/ul#	71
50) Acenaphthylene	13.98	152	320254	17.028 ng/ul	99
51) 3-Nitroaniline	14.17	138	45544	14.253 ng/ul	86
52) Acenaphthene	14.32	153	232742	16.825 ng/ul	99
53) 2,4-Dinitrophenol	14.39	184	37813	20.664 ng/ul#	63
55) 4-Nitrophenol	14.49	109	29326	10.104 ng/ul	85
56) Dibenzofuran	14.66	168	336909	18.362 ng/ul#	87
57) 2,4-Dinitrotoluene	14.64	165	78007	18.641 ng/ul#	68
58) 2,3,4,6-Tetrachlorophenol	14.89	232	73440	22.834 ng/ul#	74
59) Diethylphthalate	15.09	149	258322	16.131 ng/ul	96
61) Fluorene	15.31	166	279144	17.843 ng/ul	96
62) 4-Chlorophenyl-phenylether	15.31	204	147595	21.112 ng/ul#	81
63) 4-Nitroaniline	15.34	138	47334	15.245 ng/ul#	81
66) 4,6-Dinitro-2-methylphenol	15.40	198	44632	16.675 ng/ul#	76
67) N-Nitrosodiphenylamine	15.53	169	233231	16.869 ng/ul	96
68) 4-Bromophenyl-phenylether	16.20	248	85518	21.263 ng/ul#	80
69) Hexachlorobenzene	16.32	284	98528	21.746 ng/ul#	79
70) Atrazine	16.48	200	89698	18.180 ng/ul	98
71) Pentachlorophenol	16.66	266	52508	18.033 ng/ul	94
72) Phenanthrene	17.04	178	426783	17.381 ng/ul	99
74) Anthracene	17.14	178	432219	17.175 ng/ul	99
75) Pentachlorobenzene	14.58	250	132876	22.511 ng/uL	97
76) Carbazole	17.41	167	362349	15.596 ng/ul	97
77) Di-n-butylphthalate	17.98	149	410297	14.656 ng/ul#	98
79) Fluoranthene	19.07	202	494181	17.471 ng/ul#	86
81) Pyrene	19.43	202	516878	17.265 ng/ul#	87
82) Butylbenzylphthalate	20.34	149	181922	13.566 ng/ul#	75
83) 3,3'-Dichlorobenzidine	21.12	252	176897	19.895 ng/ul#	96
84) Benzo(a)anthracene	21.17	228	488248	18.107 ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.12	149	271968	12.971 ng/ul#	93
86) Chrysene	21.23	228	481359	18.483 ng/ul	99
88) Di-n-octyl phthalate	21.98	149	462968	11.497 ng/ul	100
89) Benzo(b)fluoranthene	22.72	252	515086	17.916 ng/ul#	96
90) Benzo(k)fluoranthene	22.77	252	502709	17.452 ng/ul#	95
92) Benzo(a)pyrene	23.28	252	462783	18.145 ng/ul#	94
93) Indeno(1,2,3-cd)pyrene	25.57	276	616141	19.028 ng/ul#	88
94) Dibenzo(a,h)anthracene	25.57	278	512711	18.818 ng/ul#	93
95) Benzo(g,h,i)perylene	26.23	276	509164	19.435 ng/ul#	88

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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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