Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042821\
Data File : BM029686.D
Acq On : 28 Apr 2021 10:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD020020

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:50 PM

Quant Time: Apr 28 12:14:19 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	81872	20.00	ng/ul	0.00
20) Naphthalene-d8	10.39	136	297875	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.26	164	190921	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.00	188	384567	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	381752	20.00	ng/ul	0.00
87) Perylene-d12	23.37	264	395764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	14196	6.29	ng/uL	0.00
4) Pyridine-d5	3.53	84	77233	12.91	ng/ul	0.00
7) Phenol-d5	6.79	99	102272	13.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	56745	11.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	91859	16.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.33	113	83043	14.48	ng/ul	0.00
21) Nitrobenzene-d5	8.77	128	41631	18.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.49	143	50215	20.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.02	165	100462	21.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.53	131	108772	16.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.67	166	260280	17.68	ng/ul	0.00
49) Acenaphthylene-d8	13.95	160	321068	18.28	ng/ul	0.00
54) 4-Nitrophenol-d4	14.48	143	34281	12.17	ng/ul	0.00
60) Fluorene-d10	15.26	176	228342	18.85	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.39	200	43240	17.33	ng/ul	0.00
73) Anthracene-d10	17.10	188	341179	18.36	ng/ul	0.00
80) Pyrene-d10	19.40	212	366149	18.09	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.23	264	400174	18.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	14914	6.386	ng/uL#	78
5) Pyridine	3.55	79	76297	11.898	ng/ul	88
6) Benzaldehyde	6.76	77	64538	15.469	ng/ul	86
8) Phenol	6.82	94	106568	13.393	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.05	93	82414	13.632	ng/ul	88
12) 2-Chlorophenol	7.18	128	96703	16.159	ng/ul	90
13) 2-Methylphenol	8.06	108	81346	14.188	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.15	45	86923	9.190	ng/ul#	89
16) Acetophenone	8.43	105	131675	13.841	ng/ul#	87
17) N-Nitroso-di-n-propylamine	8.42	70	65315	12.560	ng/ul#	86
18) 4-Methylphenol	8.39	108	87210	14.119	ng/ul	90
19) Hexachloroethane	8.68	117	41588	15.385	ng/ul#	39
22) Nitrobenzene	8.81	77	99265	14.148	ng/ul#	90
23) Isophorone	9.33	82	177777	14.910	ng/ul	95
25) 2-Nitrophenol	9.52	139	53942	19.194	ng/ul#	78
26) 2,4-Dimethylphenol	9.58	107	99347	16.089	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.82	93	104782	15.037	ng/ul	99
29) 2,4-Dichlorophenol	10.05	162	100343	21.252	ng/ul#	91
30) Naphthalene	10.44	128	293658	17.706	ng/ul	100
32) 4-Chloroaniline	10.56	127	110763	15.970	ng/ul	99
33) Hexachlorobutadiene	10.73	225	76443	27.391	ng/ul	95
34) Caprolactam	11.33	113	23743m	16.178	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.69	107	82892	15.803	ng/ul	90
36) 2-Methylnaphthalene	12.06	142	212619	18.684	ng/ul	95
37) 1-Methylnaphthalene	12.29	142	211408	18.597	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	132055	23.635	ng/ul#	92
40) Hexachlorocyclopentadiene	12.41	237	59400	15.395	ng/ul	95
41) 2,4,6-Trichlorophenol	12.69	196	81456	21.535	ng/ul	98
42) 2,4,5-Trichlorophenol	12.76	196	83285	20.517	ng/ul	97
43) 1,1'-Biphenyl	13.09	154	281271	17.351	ng/ul#	94
44) 2-Chloronaphthalene	13.13	162	227445	18.377	ng/ul#	92
45) 2-Nitroaniline	13.34	65	48306	11.323	ng/ul#	73
47) Dimethylphthalate	13.72	163	262979	17.443	ng/ul#	99
48) 2,6-Dinitrotoluene	13.85	165	55633	19.132	ng/ul#	71
50) Acenaphthylene	13.98	152	322187	17.421	ng/ul	98
51) 3-Nitroaniline	14.17	138	45110	14.357	ng/ul	83
52) Acenaphthene	14.32	153	230689	16.959	ng/ul	100
53) 2,4-Dinitrophenol	14.39	184	35697	19.839	ng/ul#	65
55) 4-Nitrophenol	14.50	109	28753	10.075	ng/ul	82
56) Dibenzofuran	14.66	168	335043	18.570	ng/ul#	85
57) 2,4-Dinitrotoluene	14.63	165	75245	18.286	ng/ul#	70
58) 2,3,4,6-Tetrachlorophenol	14.89	232	70952	22.435	ng/ul#	76
59) Diethylphthalate	15.09	149	245471	15.589	ng/ul#	94
61) Fluorene	15.31	166	272754	17.731	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.31	204	141126	20.529	ng/ul#	82
63) 4-Nitroaniline	15.34	138	46658	15.283	ng/ul#	81
66) 4,6-Dinitro-2-methylphenol	15.40	198	43703	16.903	ng/ul#	79
67) N-Nitrosodiphenylamine	15.53	169	225728	16.902	ng/ul	96
68) 4-Bromophenyl-phenylether	16.20	248	81654	21.018	ng/ul#	79
69) Hexachlorobenzene	16.32	284	95100	21.730	ng/ul#	80
70) Atrazine	16.48	200	83193	17.456	ng/ul	96
71) Pentachlorophenol	16.66	266	48068	17.090	ng/ul	98
72) Phenanthrene	17.04	178	407852	17.196	ng/ul	99
74) Anthracene	17.14	178	415231	17.082	ng/ul	99
75) Pentachlorobenzene	14.58	250	127981	22.447	ng/uL	100
76) Carbazole	17.41	167	342489	15.261	ng/ul#	95
77) Di-n-butylphthalate	17.98	149	373402	13.808	ng/ul#	97
79) Fluoranthene	19.07	202	462234	17.369	ng/ul#	86
81) Pyrene	19.43	202	486585	17.275	ng/ul#	86
82) Butylbenzylphthalate	20.34	149	162622	12.889	ng/ul#	72
83) 3,3'-Dichlorobenzidine	21.12	252	164890	19.710	ng/ul#	94
84) Benzo(a)anthracene	21.17	228	449695	17.725	ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.12	149	234555	11.890	ng/ul#	93
86) Chrysene	21.23	228	449205	18.332	ng/ul	100
88) Di-n-octyl phthalate	21.97	149	403199	10.771	ng/ul	100
89) Benzo(b)fluoranthene	22.72	252	466697	17.463	ng/ul#	95
90) Benzo(k)fluoranthene	22.76	252	483055	18.040	ng/ul#	95
92) Benzo(a)pyrene	23.28	252	432360	18.237	ng/ul#	94
93) Indeno(1,2,3-cd)pyrene	25.56	276	590158	19.608	ng/ul#	88
94) Dibenzo(a,h)anthracene	25.57	278	485915	19.186	ng/ul#	92
95) Benzo(g,h,i)perylene	26.23	276	483190	19.841	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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