Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030002.D
Acq On : 13 May 2021 04:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 102 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020036

Manual Integrations APPROVED
mohammad
5/21/2021 9:26:42 AM

Quant Time: May 13 04:54:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	168277	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.31	136	750332	20.00	ng/ul	-0.02
38) Acenaphthene-d10	14.19	164	456533	20.00	ng/ul	-0.02
64) Phenanthrene-d10	16.93	188	818111	20.00	ng/ul	-0.01
79) Chrysene-d12	21.12	240	680174	20.00	ng/ul	-0.01
88) Perylene-d12	23.27	264	676288	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	30182	7.16	ng/uL	0.00
4) Pyridine-d5	3.47	84	180028	17.06	ng/ul	0.00
7) Phenol-d5	6.73	99	274121	17.52	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	179997	18.55	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.07	132	230854	19.11	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	225139	17.40	ng/ul	-0.01
21) Nitrobenzene-d5	8.70	128	106589	20.61	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.41	143	121664	20.85	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.95	165	225649	19.28	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.46	131	296482	16.65	ng/ul	-0.01
46) Dimethylphthalate-d6	13.61	166	632142	17.86	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	849072	18.93	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.42	143	77090	13.38	ng/ul	0.00
60) Fluorene-d10	15.19	176	525314	17.49	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	89476	16.84	ng/ul	0.00
73) Anthracene-d10	17.03	188	739291	17.95	ng/ul	-0.01
81) Pyrene-d10	19.33	212	734137	21.04	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	710145	18.52	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	34066	7.471	ng/uL	95
5) Pyridine	3.49	79	185825	17.172	ng/ul	98
6) Benzaldehyde	6.70	77	165599m	20.500	ng/ul	
8) Phenol	6.75	94	282004	17.651	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.98	93	226013	17.891	ng/ul	97
12) 2-Chlorophenol	7.10	128	228672	18.565	ng/ul	96
13) 2-Methylphenol	7.99	108	213011	17.597	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.07	45	393019	20.654	ng/ul	96
16) Acetophenone	8.36	105	362670	17.462	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.35	70	207034	19.483	ng/ul	96
18) 4-Methylphenol	8.32	108	233223	17.379	ng/ul	99
19) Hexachloroethane	8.60	117	102049	19.609	ng/ul	97
22) Nitrobenzene	8.74	77	280199	20.796	ng/ul	97
23) Isophorone	9.26	82	536104	18.812	ng/ul	99
25) 2-Nitrophenol	9.45	139	130812	20.645	ng/ul	98
26) 2,4-Dimethylphenol	9.51	107	268307	18.767	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.75	93	318611	19.088	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	213903	18.612	ng/ul	96
30) Naphthalene	10.36	128	766050	18.393	ng/ul	100
32) 4-Chloroaniline	10.49	127	302508	16.488	ng/ul	98
33) Hexachlorobutadiene	10.65	225	143687	18.647	ng/ul	97
34) Caprolactam	11.27	113	60740	14.892	ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.62	107	226264	17.791 ng/ul	98
36) 2-Methylnaphthalene	11.99	142	540747	17.899 ng/ul	98
37) 1-Methylnaphthalene	12.20	142	536406	17.916 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	274750	19.476 ng/ul	99
40) Hexachlorocyclopentadiene	12.33	237	116953	15.960 ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	169091	19.655 ng/ul	97
42) 2,4,5-Trichlorophenol	12.69	196	174554	19.172 ng/ul	98
43) 1,1'-Biphenyl	13.02	154	672935	18.962 ng/ul	99
44) 2-Chloronaphthalene	13.06	162	524186	19.246 ng/ul	99
45) 2-Nitroaniline	13.27	65	149908	21.777 ng/ul	97
47) Dimethylphthalate	13.66	163	633798	17.887 ng/ul	100
48) 2,6-Dinitrotoluene	13.78	165	124204	19.527 ng/ul	97
50) Acenaphthylene	13.90	152	809434	18.663 ng/ul	98
51) 3-Nitroaniline	14.12	138	114884	16.078 ng/ul	96
52) Acenaphthene	14.25	153	566523	18.483 ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	70217	16.225 ng/ul	94
55) 4-Nitrophenol	14.43	109	77020	17.380 ng/ul	96
56) Dibenzofuran	14.59	168	752388	17.922 ng/ul	98
57) 2,4-Dinitrotoluene	14.57	165	170876	18.154 ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.83	232	151510	17.475 ng/ul	99
59) Diethylphthalate	15.03	149	639092	17.293 ng/ul	99
61) Fluorene	15.24	166	628950	17.524 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.24	204	307966	17.463 ng/ul	98
63) 4-Nitroaniline	15.29	138	112199m	15.840 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	86626	16.564 ng/ul	99
67) N-Nitrosodiphenylamine	15.46	169	519159	19.535 ng/ul	97
68) 4-Bromophenyl-phenylether	16.13	248	177861	19.532 ng/ul	96
69) Hexachlorobenzene	16.24	284	204051	18.869 ng/ul	96
70) Atrazine	16.42	200	169146	17.251 ng/ul	99
71) Pentachlorophenol	16.60	266	112830	18.209 ng/ul	99
72) Phenanthrene	16.97	178	883984	18.325 ng/ul	100
74) Anthracene	17.07	178	905465	18.360 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	287186	22.192 ng/uL	99
76) Pentachlorobenzene	14.51	250	256075	20.749 ng/uL	99
77) Carbazole	17.34	167	746829	16.528 ng/ul	99
78) Di-n-butylphthalate	17.91	149	989718	18.453 ng/ul	100
80) Fluoranthene	19.00	202	912836	21.496 ng/ul	98
82) Pyrene	19.36	202	932738	20.871 ng/ul	99
83) Butylbenzylphthalate	20.27	149	392771	24.731 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.05	252	260569	16.839 ng/ul	100
85) Benzo(a)anthracene	21.11	228	835526	18.828 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	603594	22.042 ng/ul	100
87) Chrysene	21.16	228	825708	18.681 ng/ul	100
89) Di-n-octyl phthalate	21.90	149	992457	19.177 ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	810814	18.483 ng/ul	99
91) Benzo(k)fluoranthene	22.67	252	858328	18.611 ng/ul	99
93) Benzo(a)pyrene	23.18	252	740957	18.598 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.41	276	974983	20.219 ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	806447	19.729 ng/ul	100
96) Benzo(g,h,i)perylene	26.07	276	804259	20.585 ng/ul	99

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Instrument :
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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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