Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023637.D
Acq On : 11 Nov 2019 15:30
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02099

Manual Integrations APPROVED
mohammad
11/12/2019 10:44:05 AM

Quant Time: Nov 11 16:13:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 11 14:22:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	400426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1808816	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1290024	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2991384	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3097752	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	3286603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	82496	8.49	ng/uL	0.00
5) Phenol-d5	6.73	99	777743	21.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	462043	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	580618	21.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	636716	21.87	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	289281	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	315500	23.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	680915	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	733758	21.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2212477	21.99	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2541716	22.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	378099	22.02	ng/ul	0.00
58) Fluorene-d10	15.20	176	1937863	21.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	367592	21.24	ng/ul	0.00
71) Anthracene-d10	17.05	188	3085033	21.74	ng/ul	0.00
79) Pyrene-d10	19.36	212	3499309	21.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	3765785	21.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	84537	8.122	ng/uL	98
4) Benzaldehyde	6.70	77	518286	24.204	ng/ul	99
6) Phenol	6.76	94	805180	21.413	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.98	93	630215	21.884	ng/ul	97
10) 2-Chlorophenol	7.12	128	593808	21.776	ng/ul	97
11) 2-Methylphenol	8.00	108	605129	21.561	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	614571	21.875	ng/ul	99
14) Acetophenone	8.37	105	992164	21.848	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	540529	22.656	ng/ul	99
16) 4-Methylphenol	8.32	108	669695	21.550	ng/ul	100
17) Hexachloroethane	8.62	117	236094	21.824	ng/ul	97
20) Nitrobenzene	8.74	77	760046	22.203	ng/ul	98
21) Isophorone	9.27	82	1485362	22.243	ng/ul	99
23) 2-Nitrophenol	9.45	139	352042	23.258	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	764982	22.115	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	920221	21.958	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	659501	22.096	ng/ul	99
28) Naphthalene	10.37	128	2057752	21.644	ng/ul	99
30) 4-Chloroaniline	10.49	127	745853	21.296	ng/ul	100
31) Hexachlorobutadiene	10.67	225	433042	21.487	ng/ul	99
32) Caprolactam	11.27	113	218812m	22.622	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	736911	22.244	ng/ul	100
34) 2-Methylnaphthalene	12.00	142	1594345	21.922	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1557996	21.721	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	908592	21.556	ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	441525	19.997	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	588058	22.626	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	631069	22.295	ng/ul	97
41) 1,1'-Biphenyl	13.03	154	2155987	21.665	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	1664746	21.734	ng/ul	99
43) 2-Nitroaniline	13.27	65	432263	23.726	ng/ul	98
45) Dimethylphthalate	13.67	163	2159106	21.901	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	426319	23.742	ng/ul	99
48) Acenaphthylene	13.92	152	2538365	21.962	ng/ul	100
49) 3-Nitroaniline	14.11	138	374404	21.941	ng/ul	93
50) Acenaphthene	14.27	153	1787531	21.794	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	225003	19.875	ng/ul	99
53) 4-Nitrophenol	14.43	109	304176	21.949	ng/ul	95
54) Dibenzofuran	14.60	168	2627764	21.643	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	640980	23.355	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.84	232	599358	22.372	ng/ul	99
57) Diethylphthalate	15.05	149	2155198	22.278	ng/ul	99
59) Fluorene	15.26	166	2152399	21.851	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	1154728	21.723	ng/ul	99
61) 4-Nitroaniline	15.28	138	470830	22.526	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	405349	21.543	ng/ul	96
65) N-Nitrosodiphenylamine	15.47	169	1914941	21.819	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	793071	21.694	ng/ul	98
67) Hexachlorobenzene	16.26	284	931654	21.631	ng/ul	99
68) Atrazine	16.44	200	725562	22.068	ng/ul	99
69) Pentachlorophenol	16.61	266	515093	20.171	ng/ul	99
70) Phenanthrene	16.99	178	3576179	21.704	ng/ul	100
72) Anthracene	17.09	178	3658619	22.082	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	910778	21.476	ng/uL	99
74) Pentachlorobenzene	14.53	250	1015501	21.672	ng/uL	99
75) Carbazole	17.36	167	3184063	23.054	ng/ul	100
76) Di-n-butylphthalate	17.94	149	3565792	23.413	ng/ul	99
77) Fluoranthene	19.02	202	4333682	24.549	ng/ul	98
80) Pyrene	19.39	202	4421466	22.082	ng/ul	98
81) Butylbenzylphthalate	20.31	149	1521012	23.984	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	1454402	22.372	ng/ul	99
83) Benzo(a)anthracene	21.14	228	4542679	22.232	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2269399	23.701	ng/ul	100
85) Chrysene	21.19	228	4204068	21.855	ng/ul	100
87) Di-n-octyl phthalate	21.96	149	3649763	22.721	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	4511238	21.532	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	4341377	21.508	ng/ul	100
91) Benzo(a)pyrene	23.23	252	4138982	21.580	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.47	276	4379231	21.353	ng/ul	100
93) Dibenzo(a,h)anthracene	25.49	278	3703654	21.398	ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	3513461	21.141	ng/ul	100

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

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