Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029387.D
Acq On : 08 Apr 2021 01:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
4/8/2021 1:36:44 PM

Quant Time: Apr 08 03:09:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	95934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	382253	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	232621	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	441863	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	425265	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	433328	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	20804	8.28	ng/uL	0.00
5) Phenol-d5	6.86	99	162163	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	105785	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	130631	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	127247	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	56639	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	57158	20.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	122481	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	159466	23.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	335381	20.13	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	433411	20.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	56503	18.49	ng/ul	0.00
58) Fluorene-d10	15.32	176	279656	19.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	46257	18.42	ng/ul	0.00
71) Anthracene-d10	17.16	188	418719	20.85	ng/ul	0.00
79) Pyrene-d10	19.46	212	433205	21.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	452549	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	22287	8.451	ng/uL	98
4) Benzaldehyde	6.84	77	109990	24.718	ng/ul	97
6) Phenol	6.89	94	173556	20.240	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.12	93	132428	20.375	ng/ul	97
10) 2-Chlorophenol	7.26	128	137055	21.037	ng/ul	99
11) 2-Methylphenol	8.13	108	121594	19.982	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	201071	21.037	ng/ul	98
14) Acetophenone	8.51	105	203541	20.098	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	116107	21.498	ng/ul	97
16) 4-Methylphenol	8.46	108	135613	20.439	ng/ul	98
17) Hexachloroethane	8.76	117	60703	21.423	ng/ul	95
20) Nitrobenzene	8.88	77	173086	21.532	ng/ul	98
21) Isophorone	9.41	82	288167	21.754	ng/ul	100
23) 2-Nitrophenol	9.59	139	67037	21.106	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	157465	21.543	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.89	93	174151	21.377	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	122475	21.560	ng/ul	98
28) Naphthalene	10.52	128	417826	20.966	ng/ul	99
30) 4-Chloroaniline	10.63	127	163690	22.818	ng/ul	99
31) Hexachlorobutadiene	10.81	225	73206	20.826	ng/ul	97
32) Caprolactam	11.40	113	33791m	20.137	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	131731	22.001	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	290937	21.163	ng/ul	100

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35) 1-Methylnaphthalene	12.36	142	283160	21.161	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	132471	19.868	ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	80315	18.691	ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	87234	20.827	ng/ul	96
40) 2,4,5-Trichlorophenol	12.82	196	96978	21.365	ng/ul	97
41) 1,1'-Biphenyl	13.16	154	370476	20.230	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	283442	20.174	ng/ul	100
43) 2-Nitroaniline	13.40	65	91130	21.074	ng/ul	97
45) Dimethylphthalate	13.79	163	352398	20.574	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	66548	21.093	ng/ul	99
48) Acenaphthylene	14.05	152	422015	20.527	ng/ul	99
49) 3-Nitroaniline	14.23	138	71166	21.911	ng/ul	96
50) Acenaphthene	14.39	153	308597	20.150	ng/ul	97
51) 2,4-Dinitrophenol	14.43	184	32782	17.316	ng/ul	93
53) 4-Nitrophenol	14.54	109	61732	20.117	ng/ul	93
54) Dibenzofuran	14.73	168	419608	20.054	ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	97998	21.130	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.95	232	75752	21.318	ng/ul	97
57) Diethylphthalate	15.16	149	374332	21.303	ng/ul	100
59) Fluorene	15.37	166	355407	20.196	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	164846	19.985	ng/ul	96
61) 4-Nitroaniline	15.39	138	75385	20.391	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	50392	19.266	ng/ul	96
65) N-Nitrosodiphenylamine	15.59	169	300411	21.424	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	88867	21.057	ng/ul	91
67) Hexachlorobenzene	16.37	284	101436	21.232	ng/ul	96
68) Atrazine	16.54	200	102598	20.401	ng/ul	98
69) Pentachlorophenol	16.72	266	55697	19.907	ng/ul	98
70) Phenanthrene	17.11	178	538560	21.171	ng/ul	99
72) Anthracene	17.20	178	559688	21.438	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	130914	20.707	ng/uL	99
74) Pentachlorobenzene	14.64	250	121250	20.761	ng/uL	99
75) Carbazole	17.47	167	498088	21.069	ng/ul	99
76) Di-n-butylphthalate	18.04	149	616917	22.650	ng/ul	99
77) Fluoranthene	19.12	202	589469	20.472	ng/ul	99
80) Pyrene	19.49	202	616338	21.885	ng/ul	100
81) Butylbenzylphthalate	20.39	149	267025	23.473	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.16	252	196150	21.471	ng/ul	99
83) Benzo(a)anthracene	21.23	228	582916	21.739	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	435246	23.456	ng/ul	100
85) Chrysene	21.27	228	562367	21.449	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	727797	21.289	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	591823	21.216	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	578824	21.132	ng/ul	99
91) Benzo(a)pyrene	23.36	252	531382	21.472	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	684260	21.127	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	577880	21.234	ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	557122	21.179	ng/ul	99

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

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