Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022348.D
Acq On : 27 Aug 2019 01:37
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
mohammad
8/28/2019 10:11:10 AM

Quant Time: Aug 27 12:41:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 14:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	34276	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.32	136	156966	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.20	164	110987	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	249798	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	250321	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	226148	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	6060	7.91	ng/uL	0.00
5) Phenol-d5	6.74	99	61862	20.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	36294	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	51504	21.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	53697	20.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	25396	21.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	30078	22.08	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	61840	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	75177	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	195863	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	234944	22.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	21487	14.84	ng/ul	0.00
57) Fluorene-d10	15.20	176	166612	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	32903	17.07	ng/ul	0.00
70) Anthracene-d10	17.06	188	278943	21.09	ng/ul	-0.01
78) Pyrene-d10	19.37	212	338010	25.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	254539	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6479	7.891	ng/uL	94
4) Benzaldehyde	6.72	77	45246	26.572	ng/ul	93
6) Phenol	6.77	94	62049	19.589	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.99	93	46537	20.180	ng/ul	97
10) 2-Chlorophenol	7.11	128	52293	21.092	ng/ul	99
11) 2-Methylphenol	8.00	108	49456	19.826	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.07	45	62032	20.641	ng/ul	97
14) Acetophenone	8.38	105	83844	18.917	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	43887	19.561	ng/ul	99
16) 4-Methylphenol	8.33	108	54286	19.793	ng/ul	99
17) Hexachloroethane	8.59	117	25800	21.224	ng/ul	98
20) Nitrobenzene	8.76	77	71275	20.680	ng/ul	99
21) Isophorone	9.27	82	123345	19.636	ng/ul	99
23) 2-Nitrophenol	9.46	139	32318	21.600	ng/ul	97
24) 2,4-Dimethylphenol	9.52	107	71877	20.485	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	68164	20.099	ng/ul	98
27) 2,4-Dichlorophenol	9.98	162	60512	21.538	ng/ul	98
28) Naphthalene	10.36	128	178279	20.581	ng/ul	99
30) 4-Chloroaniline	10.51	127	71775	20.446	ng/ul	99
31) Hexachlorobutadiene	10.62	225	56041	20.796	ng/ul	99
32) Caprolactam	11.33	113	20928m	24.001	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	63474	20.463	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	136378	20.434	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	95876	20.888	ng/ul	99
37) Hexachlorocyclopentadiene	12.31	237	34870	16.373	ng/ul	94
38) 2,4,6-Trichlorophenol	12.63	196	55519	21.539	ng/ul	98
39) 2,4,5-Trichlorophenol	12.71	196	60071	21.307	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	180537	19.988	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	145085	20.609	ng/ul	96
42) 2-Nitroaniline	13.31	65	43943	20.426	ng/ul	96
44) Dimethylphthalate	13.67	163	192038	19.309	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	37397	19.582	ng/ul	98
47) Acenaphthylene	13.92	152	217403	19.915	ng/ul	99
48) 3-Nitroaniline	14.16	138	35959	22.117	ng/ul	95
49) Acenaphthene	14.26	153	157827	20.363	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	20135	17.631	ng/ul	94
52) 4-Nitrophenol	14.49	109	48794	20.279	ng/ul	98
53) Dibenzofuran	14.60	168	228070	19.757	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	57478	19.470	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.85	232	57455	20.099	ng/ul	96
56) Diethylphthalate	15.05	149	203271	19.057	ng/ul	98
58) Fluorene	15.26	166	190621	19.605	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	116285	19.535	ng/ul	98
60) 4-Nitroaniline	15.33	138	35662	21.138	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	32087	15.515	ng/ul	99
64) N-Nitrosodiphenylamine	15.48	169	157729	20.263	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	73255	20.487	ng/ul	94
66) Hexachlorobenzene	16.26	284	82051	20.594	ng/ul	96
67) Atrazine	16.45	200	87482	21.579	ng/ul	97
68) Pentachlorophenol	16.62	266	38108	15.834	ng/ul	95
69) Phenanthrene	17.01	178	301408	20.169	ng/ul	99
71) Anthracene	17.10	178	311291	20.018	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	94364	21.238	ng/uL	98
73) Pentachlorobenzene	14.52	250	103742	21.523	ng/uL	99
74) Carbazole	17.39	167	260066	18.515	ng/ul	99
75) Di-n-butylphthalate	17.93	149	350810	19.552	ng/ul	99
76) Fluoranthene	19.03	202	396612	17.612	ng/ul	99
79) Pyrene	19.40	202	400892	24.743	ng/ul	98
80) Butylbenzylphthalate	20.31	149	173495	25.301	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.10	252	123551	18.973	ng/ul	99
82) Benzo(a)anthracene	21.16	228	395574	20.996	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	248127	24.046	ng/ul	99
84) Chrysene	21.22	228	360088	20.441	ng/ul	99
86) Di-n-octyl phthalate	21.94	149	400880	23.918	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	334332	21.252	ng/ul	99
88) Benzo(k)fluoranthene	22.75	252	312808	20.504	ng/ul	99
90) Benzo(a)pyrene	23.27	252	304816	20.328	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	350275	20.117	ng/ul	100
92) Dibenzo(a,h)anthracene	25.56	278	288892	19.543	ng/ul	100
93) Benzo(g,h,i)perylene	26.22	276	274342	20.653	ng/ul	99

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

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