Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010820\
Data File : BM024413.D
Acq On : 08 Jan 2020 10:37
Operator : JU
Sample : SSTD00504
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00504

Manual Integrations APPROVED
mohammad
1/9/2020 12:12:25 PM

Quant Time: Jan 08 12:39:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 08 12:28:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	266229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1060805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	631500	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1284424	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1160916	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1347493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	12121	1.53	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.04	132	83464	4.81	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.63	128	36282	4.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	31952	3.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	78045	5.12	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	219505	4.93	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	286091	5.19	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.14	176	193031	4.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.99	188	294381	5.08	ng/ul	0.00
79) Pyrene-d10	19.29	212	307885	5.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	331790	4.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	11600	1.368	ng/uL#	72
10) 2-Chlorophenol	7.07	128	83659	4.668	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	61328	3.806	ng/ul#	92
17) Hexachloroethane	8.57	117	36940	4.442	ng/ul	97
20) Nitrobenzene	8.67	77	91984	3.921	ng/ul	97
21) Isophorone	9.20	82	175038	4.505	ng/ul	99
23) 2-Nitrophenol	9.38	139	34530	3.839	ng/ul	92
24) 2,4-Dimethylphenol	9.46	107	95493	4.735	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	105275	4.299	ng/ul	96
27) 2,4-Dichlorophenol	9.92	162	74254	4.959	ng/ul	95
28) Naphthalene	10.31	128	270794	4.797	ng/ul	99
31) Hexachlorobutadiene	10.62	225	56160	5.207	ng/ul	98
33) 4-Chloro-3-methylphenol	11.55	107	78565	4.726	ng/ul	97
34) 2-Methylnaphthalene	11.94	142	186569	5.056	ng/ul	100
35) 1-Methylnaphthalene	12.16	142	185765	4.915	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	99221	5.281	ng/ul	96
39) 2,4,6-Trichlorophenol	12.56	196	56551	5.192	ng/ul	94
40) 2,4,5-Trichlorophenol	12.63	196	59277m	5.329	ng/ul	
41) 1,1'-Biphenyl	12.97	154	240564	4.971	ng/ul	97
42) 2-Chloronaphthalene	13.00	162	191276	4.900	ng/ul	100
43) 2-Nitroaniline	13.20	65	38973	3.576	ng/ul	95
45) Dimethylphthalate	13.62	163	226175	4.883	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	32028	3.718	ng/ul#	76

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48) Acenaphthylene	13.86	152	293221	4.923	ng/ul	99
50) Acenaphthene	14.21	153	196951	4.796	ng/ul	96
54) Dibenzofuran	14.54	168	272199	4.843	ng/ul	94
55) 2,4-Dinitrotoluene	14.51	165	43332	3.435	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	44168	4.592	ng/ul	100
57) Diethylphthalate	15.00	149	221059	4.726	ng/ul	100
59) Fluorene	15.20	166	221744	4.805	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.21	204	114554	5.011	ng/ul	95
65) N-Nitrosodiphenylamine	15.42	169	185841	4.858	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	68363	4.877	ng/ul	98
67) Hexachlorobenzene	16.21	284	82392	4.868	ng/ul	95
70) Phenanthrene	16.93	178	338277	4.686	ng/ul	98
72) Anthracene	17.03	178	350112	4.834	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	98917	5.132	ng/uL	96
74) Pentachlorobenzene	14.47	250	96084	4.869	ng/uL	97
76) Di-n-butylphthalate	17.90	149	335790	4.565	ng/ul	100
80) Pyrene	19.32	202	396078	4.978	ng/ul	96
81) Butylbenzylphthalate	20.27	149	129711	4.305	ng/ul	97
83) Benzo(a)anthracene	21.09	228	382547	5.143	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	206557	4.582	ng/ul	97
85) Chrysene	21.14	228	365232	4.870	ng/ul	97
88) Benzo(b)fluoranthene	22.61	252	384779	4.706	ng/ul	99
89) Benzo(k)fluoranthene	22.65	252	389308	4.774	ng/ul	97
91) Benzo(a)pyrene	23.14	252	367983	4.887	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.33	276	461171	4.732	ng/ul	96
93) Dibenzo(a,h)anthracene	25.36	278	393661	4.879	ng/ul	99
94) Benzo(g,h,i)perylene	25.97	276	392077	4.776	ng/ul	99

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

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