Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
Data File : BM023633.D
Acq On : 11 Nov 2019 11:31
Operator : JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
mohammad
11/12/2019 10:43:55 AM

Quant Time: Nov 11 12:10:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 11 11:02:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	442087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1963652	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1387759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3117569	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2868229	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2607327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	321330	76.56	ng/uL	0.00
5) Phenol-d5	6.74	99	3198454	84.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	1775077	81.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	2363594	88.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	2539376	86.05	ng/ul	0.01
19) Nitrobenzene-d5	8.70	128	1188810	98.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	1350239	111.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	2767703	89.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	3042070	81.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	8284819	86.14	ng/ul	0.01
47) Acenaphthylene-d8	13.90	160	9551959	86.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	1532331	88.07	ng/ul	0.02
58) Fluorene-d10	15.21	176	7154899	80.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	1599629	95.68	ng/ul	0.01
71) Anthracene-d10	17.06	188	11134486	78.85	ng/ul	0.00
79) Pyrene-d10	19.36	212	12196448	92.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	10976734	87.87	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	339509	78.771	ng/uL	96
4) Benzaldehyde	6.70	77	1737167	86.160	ng/ul	97
6) Phenol	6.76	94	3226964	80.780	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.99	93	2392794	78.283	ng/ul	98
10) 2-Chlorophenol	7.12	128	2389676	82.635	ng/ul	98
11) 2-Methylphenol	8.00	108	2418239	82.854	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	2301869	81.633	ng/ul	99
14) Acetophenone	8.37	105	3755865	78.341	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.39	70	2041810	85.527	ng/ul	99
16) 4-Methylphenol	8.34	108	2642577	81.357	ng/ul	100
17) Hexachloroethane	8.62	117	929027	78.365	ng/ul	99
20) Nitrobenzene	8.75	77	2934232	83.443	ng/ul	98
21) Isophorone	9.29	82	5775457	88.697	ng/ul	100
23) 2-Nitrophenol	9.45	139	1424948	99.905	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	2966426	83.095	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	3460353	81.532	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	2623080	83.672	ng/ul	98
28) Naphthalene	10.37	128	7712870	75.872	ng/ul	100
30) 4-Chloroaniline	10.49	127	3076189	78.173	ng/ul	99
31) Hexachlorobutadiene	10.67	225	1674030	73.209	ng/ul	99
32) Caprolactam	11.31	113	859825m	89.514	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	2887343	86.613	ng/ul	99
34) 2-Methylnaphthalene	12.00	142	5974664	80.228	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	5858536	81.498 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	3498892	76.002 ng/ul	98
38) Hexachlorocyclopentadiene	12.36	237	2022691	91.064 ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	2339217	88.619 ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	2523942	86.538 ng/ul	97
41) 1,1'-Biphenyl	13.03	154	7993552	77.165 ng/ul	99
42) 2-Chloronaphthalene	13.07	162	6251899	77.699 ng/ul	100
43) 2-Nitroaniline	13.29	65	1771070	106.254 ng/ul	96
45) Dimethylphthalate	13.68	163	7920524	79.761 ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	1751287	102.944 ng/ul	94
48) Acenaphthylene	13.93	152	9412672	79.077 ng/ul	99
49) 3-Nitroaniline	14.12	138	1497888	83.764 ng/ul	92
50) Acenaphthene	14.27	153	6642495	77.261 ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	1100574	101.280 ng/ul	99
53) 4-Nitrophenol	14.46	109	1168692	82.253 ng/ul	96
54) Dibenzofuran	14.61	168	9667771	74.586 ng/ul	99
55) 2,4-Dinitrotoluene	14.59	165	2540567	95.569 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.84	232	2378738	87.972 ng/ul	99
57) Diethylphthalate	15.06	149	7966856	85.461 ng/ul	99
59) Fluorene	15.26	166	7831977	75.142 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	4249165	74.586 ng/ul	97
61) 4-Nitroaniline	15.30	138	1787335	83.972 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.36	198	1677463	91.057 ng/ul#	98
65) N-Nitrosodiphenylamine	15.48	169	7074634	78.783 ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	3058300	83.163 ng/ul	96
67) Hexachlorobenzene	16.27	284	3506506	77.203 ng/ul	98
68) Atrazine	16.45	200	2763236	84.040 ng/ul	99
69) Pentachlorophenol	16.62	266	2184460	83.042 ng/ul	99
70) Phenanthrene	17.00	178	12622370	72.850 ng/ul	98
72) Anthracene	17.09	178	12395266	71.658 ng/ul	93
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	3503096	78.156 ng/uL	99
74) Pentachlorobenzene	14.53	250	3858857	77.618 ng/uL	99
75) Carbazole	17.36	167	11398062	77.778 ng/ul	98
76) Di-n-butylphthalate	17.94	149	12226515	90.476 ng/ul#	93
77) Fluoranthene	19.02	202	13371380	71.452 ng/ul#	90
80) Pyrene	19.39	202	13198463	76.159 ng/ul#	94
81) Butylbenzylphthalate	20.31	149	5725511	130.942 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	4898852	86.114 ng/ul	99
83) Benzo(a)anthracene	21.14	228	13233039	72.640 ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.10	149	7908229	115.268 ng/ul	97
85) Chrysene	21.20	228	12297179	71.283 ng/ul#	84
87) Di-n-octyl phthalate	21.96	149	11753304	112.441 ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	12964374	82.154 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	12612208	79.791 ng/ul	98
91) Benzo(a)pyrene	23.24	252	11798780	79.463 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.49	276	12518312	74.800 ng/ul	99
93) Dibenzo(a,h)anthracene	25.50	278	10493666	74.577 ng/ul	99
94) Benzo(g,h,i)perylene	26.14	276	10154148	75.647 ng/ul	99

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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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