Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091920\
Data File : BM027464.D
Acq On : 18 Sep 2020 15:59
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
9/21/2020 10:47:53 AM

Quant Time: Sep 18 16:43:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 18 16:39:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	77491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	292822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	227323	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	557853	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	659709	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	723649	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	18612	10.69	ng/uL	0.00
5) Phenol-d5	6.69	99	114575	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	82789	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	95507	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	92054	17.67	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	46671	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	51285	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	110280	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	119879	19.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	354644	19.61	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	425848	20.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	52996	16.64	ng/ul	0.00
58) Fluorene-d10	15.15	176	347302	21.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	60811	17.03	ng/ul	0.00
71) Anthracene-d10	16.99	188	554980	21.04	ng/ul	0.00
79) Pyrene-d10	19.30	212	649450	22.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	762846	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	19573	9.390	ng/uL	97
4) Benzaldehyde	6.65	77	85979	18.674	ng/ul	95
6) Phenol	6.72	94	128403	18.915	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.94	93	105584	19.366	ng/ul	98
10) 2-Chlorophenol	7.07	128	104437	21.409	ng/ul	98
11) 2-Methylphenol	7.95	108	90657	18.094	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.04	45	73519	17.882	ng/ul	98
14) Acetophenone	8.32	105	167576	19.167	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.31	70	100471	20.083	ng/ul	95
16) 4-Methylphenol	8.28	108	98830	18.071	ng/ul	94
17) Hexachloroethane	8.56	117	56703	23.363	ng/ul	99
20) Nitrobenzene	8.69	77	153048	21.259	ng/ul	98
21) Isophorone	9.22	82	240680	19.697	ng/ul	99
23) 2-Nitrophenol	9.39	139	57612	21.951	ng/ul	91
24) 2,4-Dimethylphenol	9.47	107	131740	21.921	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.70	93	138390	19.937	ng/ul	98
27) 2,4-Dichlorophenol	9.92	162	115938	22.381	ng/ul	97
28) Naphthalene	10.32	128	330461	21.239	ng/ul	99
30) 4-Chloroaniline	10.43	127	127648	20.594	ng/ul	100
31) Hexachlorobutadiene	10.62	225	102071	24.982	ng/ul	96
32) Caprolactam	11.20	113	24939m	15.184	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	110416	20.012	ng/ul	97
34) 2-Methylnaphthalene	11.94	142	250263	21.275	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	236406	20.195 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	173298	22.679 ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	110080	22.016 ng/ul	96
39) 2,4,6-Trichlorophenol	12.57	196	101209	21.779 ng/ul	97
40) 2,4,5-Trichlorophenol	12.64	196	107051	21.329 ng/ul	96
41) 1,1'-Biphenyl	12.97	154	353784	20.693 ng/ul	99
42) 2-Chloronaphthalene	13.01	162	291671	20.963 ng/ul	98
43) 2-Nitroaniline	13.22	65	82648	20.230 ng/ul	99
45) Dimethylphthalate	13.62	163	373363	19.586 ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	73209	20.142 ng/ul	93
48) Acenaphthylene	13.86	152	439320	21.297 ng/ul	98
49) 3-Nitroaniline	14.06	138	59215	18.289 ng/ul	95
50) Acenaphthene	14.21	153	314199	21.210 ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	35422	15.580 ng/ul	94
53) 4-Nitrophenol	14.38	109	67423	20.309 ng/ul	88
54) Dibenzofuran	14.55	168	479921	21.665 ng/ul	97
55) 2,4-Dinitrotoluene	14.52	165	113837	20.318 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.79	232	106435	21.398 ng/ul	98
57) Diethylphthalate	14.99	149	409971	20.625 ng/ul	99
59) Fluorene	15.20	166	401793	21.104 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	224081	21.506 ng/ul	96
61) 4-Nitroaniline	15.22	138	63832	16.986 ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.29	198	65613	16.976 ng/ul#	99
65) N-Nitrosodiphenylamine	15.42	169	343696	21.848 ng/ul	100
66) 4-Bromophenyl-phenylether	16.10	248	143835	22.273 ng/ul	97
67) Hexachlorobenzene	16.21	284	168893	21.604 ng/ul	99
68) Atrazine	16.38	200	133573	19.600 ng/ul	99
69) Pentachlorophenol	16.56	266	84317	17.574 ng/ul	99
70) Phenanthrene	16.94	178	670057	20.973 ng/ul	100
72) Anthracene	17.03	178	682372	20.966 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	170117	23.167 ng/uL	100
74) Pentachlorobenzene	14.47	250	182753	22.568 ng/uL	96
75) Carbazole	17.30	167	569192	20.661 ng/ul	98
76) Di-n-butylphthalate	17.89	149	727071	21.251 ng/ul	99
77) Fluoranthene	18.96	202	817425	20.765 ng/ul	100
80) Pyrene	19.33	202	871795	21.845 ng/ul	100
81) Butylbenzylphthalate	20.26	149	325142	21.286 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	268757	18.550 ng/ul	98
83) Benzo(a)anthracene	21.09	228	892745	20.885 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	517818	21.759 ng/ul	98
85) Chrysene	21.14	228	886469	20.989 ng/ul	99
87) Di-n-octyl phthalate	21.90	149	881259	19.611 ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	961293	20.121 ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	955584	19.950 ng/ul	100
91) Benzo(a)pyrene	23.16	252	858542	19.260 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	1120885	19.155 ng/ul	99
93) Dibenzo(a,h)anthracene	25.37	278	936552	18.922 ng/ul	100
94) Benzo(g,h,i)perylene	26.01	276	931849	19.053 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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