Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082219\
Data File : BM022246.D
Acq On : 22 Aug 2019 19:48
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV46

Manual Integrations APPROVED
mohammad
8/26/2019 8:29:01 AM

Quant Time: Aug 23 14:58:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 13:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	25058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	115452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	83540	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	197125	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	254315	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	280276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4601	8.22	ng/uL	0.00
5) Phenol-d5	6.75	99	41339	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	26035	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	36904	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	37759	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	18182	21.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	20810	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	42390	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	53111	21.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	148274	20.15	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	166876	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	19286	17.70	ng/ul	0.00
57) Fluorene-d10	15.22	176	120432	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	26636	17.51	ng/ul	0.00
70) Anthracene-d10	17.08	188	205907	19.73	ng/ul	0.00
78) Pyrene-d10	19.39	212	263576	19.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	294515	19.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	4695	7.822	ng/uL	95
4) Benzaldehyde	6.73	77	32154	25.830	ng/ul	96
6) Phenol	6.77	94	43537	18.801	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.01	93	33164	19.671	ng/ul	96
10) 2-Chlorophenol	7.13	128	35486	19.578	ng/ul	97
11) 2-Methylphenol	8.01	108	35159	19.280	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	45371m	20.651	ng/ul	
14) Acetophenone	8.40	105	62424	19.265	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	33236	20.264	ng/ul	96
16) 4-Methylphenol	8.35	108	37980	18.942	ng/ul	99
17) Hexachloroethane	8.60	117	18208	20.488	ng/ul	88
20) Nitrobenzene	8.77	77	50030	19.736	ng/ul	94
21) Isophorone	9.29	82	91126	19.723	ng/ul	99
23) 2-Nitrophenol	9.47	139	23103	20.994	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	51125	19.810	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	50294	20.162	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	40870	19.777	ng/ul	98
28) Naphthalene	10.39	128	125066	19.629	ng/ul	99
30) 4-Chloroaniline	10.52	127	50899	19.713	ng/ul	93
31) Hexachlorobutadiene	10.64	225	37852	19.097	ng/ul	97
32) Caprolactam	11.34	113	15135m	23.599	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	46662	20.453	ng/ul	95
34) 2-Methylnaphthalene	12.00	142	95865	19.528	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	65515	18.963 ng/ul	96
37) Hexachlorocyclopentadiene	12.33	237	23973	14.955 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	38053	19.614 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	42154	19.865 ng/ul	96
40) 1,1'-Biphenyl	13.04	154	126315	18.579 ng/ul	97
41) 2-Chloronaphthalene	13.08	162	101449	19.145 ng/ul	96
42) 2-Nitroaniline	13.32	65	33568	20.730 ng/ul	97
44) Dimethylphthalate	13.69	163	145999	19.503 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	28224	19.634 ng/ul	97
47) Acenaphthylene	13.94	152	155250	18.894 ng/ul	99
48) 3-Nitroaniline	14.17	138	25775	21.062 ng/ul	90
49) Acenaphthene	14.28	153	114699	19.661 ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	13760	16.007 ng/ul	91
52) 4-Nitrophenol	14.49	109	32732m	18.073 ng/ul	
53) Dibenzofuran	14.62	168	163914	18.865 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	43715	19.674 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.86	232	40902	19.010 ng/ul	99
56) Diethylphthalate	15.06	149	155664	19.388 ng/ul	98
58) Fluorene	15.27	166	136423	18.641 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	83501	18.636 ng/ul	98
60) 4-Nitroaniline	15.35	138	26108	20.560 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.40	198	26756	16.394 ng/ul	99
64) N-Nitrosodiphenylamine	15.50	169	116129	18.906 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	53723	19.039 ng/ul	97
66) Hexachlorobenzene	16.27	284	58968	18.755 ng/ul	96
67) Atrazine	16.46	200	66998	20.942 ng/ul	98
68) Pentachlorophenol	16.64	266	30434	16.024 ng/ul	92
69) Phenanthrene	17.02	178	222848	18.897 ng/ul	98
71) Anthracene	17.12	178	229861	18.731 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	65585	18.705 ng/uL	98
73) Pentachlorobenzene	14.53	250	72929	19.174 ng/uL	98
74) Carbazole	17.40	167	195350	17.624 ng/ul	100
75) Di-n-butylphthalate	17.95	149	266079	18.792 ng/ul	99
76) Fluoranthene	19.05	202	303838	17.097 ng/ul	99
79) Pyrene	19.42	202	314752	19.121 ng/ul	99
80) Butylbenzylphthalate	20.33	149	135419	19.438 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	131575	19.888 ng/ul	97
82) Benzo(a)anthracene	21.17	228	365888	19.116 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	201235	19.196 ng/ul	100
84) Chrysene	21.23	228	337529	18.860 ng/ul	99
86) Di-n-octyl phthalate	21.96	149	344862	16.602 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	368117	18.881 ng/ul	100
88) Benzo(k)fluoranthene	22.77	252	345006	18.248 ng/ul	98
90) Benzo(a)pyrene	23.29	252	347856	18.718 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.57	276	413437	19.159 ng/ul	99
92) Dibenzo(a,h)anthracene	25.58	278	344866	18.824 ng/ul	99
93) Benzo(g,h,i)perylene	26.25	276	320359	19.460 ng/ul	99

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

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