Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121520\
Data File : BM028127.D
Acq On : 15 Dec 2020 15:04
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV08

Manual Integrations APPROVED
mohammad
12/18/2020 10:24:43 AM

Quant Time: Dec 15 15:41:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 14:51:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	151717	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	642956	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	389029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	841776	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	803033	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	701581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	28931	7.58	ng/uL	0.00
5) Phenol-d5	7.35	99	252770	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	159704	19.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	209728	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	209412	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	101551	20.14	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	104952	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	206972	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	240112	19.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.24	166	618093	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	757236	20.14	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	117187	21.50	ng/ul	0.00
58) Fluorene-d10	15.82	176	536332	20.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	96631	19.28	ng/ul	0.00
71) Anthracene-d10	17.66	188	816117	19.53	ng/ul	0.00
79) Pyrene-d10	19.92	212	866131	19.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.89	264	760949	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	29691	7.539	ng/uL	94
4) Benzaldehyde	7.33	77	113882m	18.711	ng/ul	
6) Phenol	7.38	94	252357	19.754	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.62	93	209921	19.800	ng/ul	97
10) 2-Chlorophenol	7.77	128	213141	19.376	ng/ul	98
11) 2-Methylphenol	8.65	108	192845	19.795	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.75	45	354885	19.628	ng/ul	99
14) Acetophenone	9.05	105	314241	20.089	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.03	70	159288	20.243	ng/ul	97
16) 4-Methylphenol	8.98	108	210910	20.157	ng/ul	99
17) Hexachloroethane	9.32	117	88746	18.983	ng/ul	98
20) Nitrobenzene	9.43	77	243599	19.528	ng/ul	97
21) Isophorone	9.96	82	439474	20.268	ng/ul	99
23) 2-Nitrophenol	10.15	139	116249	20.552	ng/ul	98
24) 2,4-Dimethylphenol	10.20	107	231897	19.327	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.44	93	289956	19.694	ng/ul	97
27) 2,4-Dichlorophenol	10.68	162	200848	19.869	ng/ul	98
28) Naphthalene	11.09	128	701343	19.236	ng/ul	99
30) 4-Chloroaniline	11.19	127	230590	19.421	ng/ul	100
31) Hexachlorobutadiene	11.37	225	126856	18.965	ng/ul	99
32) Caprolactam	11.96	113	62371	21.485	ng/ul	95
33) 4-Chloro-3-methylphenol	12.30	107	214924	20.229	ng/ul	98
34) 2-Methylnaphthalene	12.69	142	492926	19.852	ng/ul	100

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35) 1-Methylnaphthalene	12.90	142	575007	19.787	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	245419	19.248	ng/ul	97
38) Hexachlorocyclopentadiene	13.03	237	140958	18.248	ng/ul	99
39) 2,4,6-Trichlorophenol	13.28	196	155059	19.984	ng/ul	96
40) 2,4,5-Trichlorophenol	13.35	196	169001	20.122	ng/ul	99
41) 1,1'-Biphenyl	13.68	154	638557	19.477	ng/ul	99
42) 2-Chloronaphthalene	13.73	162	497601	19.395	ng/ul	99
43) 2-Nitroaniline	13.92	65	139306	20.295	ng/ul	96
45) Dimethylphthalate	14.29	163	625474	20.423	ng/ul	100
46) 2,6-Dinitrotoluene	14.41	165	122738	21.081	ng/ul	98
48) Acenaphthylene	14.57	152	760507	19.953	ng/ul	100
49) 3-Nitroaniline	14.73	138	99726	19.034	ng/ul	94
50) Acenaphthene	14.90	153	539146	19.708	ng/ul	99
51) 2,4-Dinitrophenol	14.94	184	64795	19.896	ng/ul	98
53) 4-Nitrophenol	15.02	109	87934	20.735	ng/ul	94
54) Dibenzofuran	15.23	168	738682	19.729	ng/ul	97
55) 2,4-Dinitrotoluene	15.19	165	179858	21.454	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.45	232	146169	20.952	ng/ul	96
57) Diethylphthalate	15.63	149	648993	20.837	ng/ul	99
59) Fluorene	15.87	166	626959	20.054	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.86	204	304782	20.009	ng/ul	99
61) 4-Nitroaniline	15.88	138	90594	16.832	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.95	198	104946	19.417	ng/ul	96
65) N-Nitrosodiphenylamine	16.07	169	521793	19.055	ng/ul	100
66) 4-Bromophenyl-phenylether	16.75	248	187475	19.456	ng/ul	97
67) Hexachlorobenzene	16.87	284	212355	19.270	ng/ul	99
68) Atrazine	17.00	200	184100	20.028	ng/ul	99
69) Pentachlorophenol	17.20	266	119090	19.152	ng/ul	96
70) Phenanthrene	17.60	178	976481	19.161	ng/ul	100
72) Anthracene	17.69	178	1007033	19.418	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	240842	18.079	ng/uL	100
74) Pentachlorobenzene	15.15	250	242757	18.734	ng/uL	99
75) Carbazole	17.95	167	862992	19.949	ng/ul	99
76) Di-n-butylphthalate	18.49	149	1125454	21.135	ng/ul	99
77) Fluoranthene	19.59	202	1118220	20.790	ng/ul	99
80) Pyrene	19.94	202	1161860	19.199	ng/ul	98
81) Butylbenzylphthalate	20.80	149	476584	20.981	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.58	252	291709	18.966	ng/ul	97
83) Benzo(a)anthracene	21.66	228	1040473	19.331	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	689798	21.399	ng/ul	98
85) Chrysene	21.71	228	1012042	19.131	ng/ul	99
87) Di-n-octyl phthalate	22.47	149	1076935	21.319	ng/ul	100
88) Benzo(b)fluoranthene	23.32	252	944806	19.917	ng/ul	99
89) Benzo(k)fluoranthene	23.37	252	935989	19.895	ng/ul	99
91) Benzo(a)pyrene	23.94	252	836768	19.571	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.48	276	865099	17.717	ng/ul	99
93) Dibenzo(a,h)anthracene	26.49	278	734688	17.751	ng/ul	98
94) Benzo(g,h,i)perylene	27.23	276	707608	17.255	ng/ul	99

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

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