Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040973.D
Acq On : 27 Oct 2020 03:49
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Oct 27 05:34:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 05:24:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62056	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31734	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25009	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.92	69	19851	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	49934	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.67	46	88839	51.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.50%			
24) Chloroform-d	5.08	84	45847	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
26) 1,2-Dichloroethane-d4	5.72	65	27644	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.74	84	82643	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.70	67	27642	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.91	98	75991	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11252	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	67389	52.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.54%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25412	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26998	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27766	4.901	ug/L	99
3) Chloromethane	1.53	50	29081	4.923	ug/L	97
5) Vinyl chloride	1.61	62	28990	4.974	ug/L	98
6) Bromomethane	1.87	94	14175	4.243	ug/L	97
8) Chloroethane	1.94	64	17964	4.865	ug/L	97
9) Trichlorofluoromethane	2.15	101	39432	4.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23197	4.997	ug/L	99
12) 1,1-Dichloroethene	2.59	96	21741	4.960	ug/L	93
13) Acetone	2.69	43	56389	48.042	ug/L	76
14) Carbon disulfide	2.81	76	70874	4.838	ug/L	98
15) Methyl Acetate	2.98	43	12840	4.781	ug/L #	90
16) Methylene chloride	3.06	84	24513	4.799	ug/L	98
17) Methyl tert-butyl Ether	3.39	73	55286	4.901	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	22021	4.943	ug/L	95
19) 1,1-Dichloroethane	3.89	63	44234	4.967	ug/L	98
21) 2-Butanone	4.75	43	90005	49.063	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	23382	5.089	ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	11418	5.267 ug/L	95
25) Chloroform	5.11	83	45154	5.056 ug/L	96
27) 1,2-Dichloroethane	5.81	62	32818	4.934 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	38325	4.987 ug/L	96
30) Cyclohexane	5.40	56	36602	4.834 ug/L	99
31) Carbon tetrachloride	5.54	117	32786	4.818 ug/L	98
33) Benzene	5.79	78	95025	5.061 ug/L	100
34) Trichloroethene	6.55	95	23558	4.930 ug/L	97
35) Methylcyclohexane	6.77	83	34182	4.796 ug/L	98
37) 1,2-Dichloropropane	6.80	63	26111	5.139 ug/L	99
38) Bromodichloromethane	7.11	83	32324	4.905 ug/L	93
39) cis-1,3-Dichloropropene	7.61	75	32459	4.640 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	212203	52.384 ug/L	99
42) Toluene	7.98	91	97192	5.105 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	31020	4.738 ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	18963	5.014 ug/L	93
47) Tetrachloroethene	8.56	164	18282	5.203 ug/L	97
48) 2-Hexanone	8.69	43	157886	51.762 ug/L	99
49) Dibromochloromethane	8.82	129	21759	4.954 ug/L	98
50) 1,2-Dibromoethane	8.93	107	18046	5.007 ug/L	99
51) Chlorobenzene	9.45	112	59970	4.967 ug/L	98
52) Ethylbenzene	9.57	91	99279	4.954 ug/L	99
53) m,p-Xylene	9.69	106	37497	5.130 ug/L	96
54) o-Xylene	10.10	106	34466	5.063 ug/L	94
55) Styrene	10.11	104	62921	5.188 ug/L	99
56) Isopropylbenzene	10.48	105	92820	5.071 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24722	4.977 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	18692	4.936 ug/L	98
61) Bromoform	10.29	173	11798	4.824 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	46161	5.039 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	47304	4.986 ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	44722	4.947 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4200	4.741 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	30152	4.707 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	24560	4.628 ug/L	97
69) Naphthalene	14.08	128	46225	4.871 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24990	5.109 ug/L	98

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

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