Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040120\
Data File : VU037527.D
Acq On : 01 Apr 2020 16:09
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV03

Quant Time: Apr 01 18:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 15:49:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	85839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41661	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	36189	4.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.20%			
7) Chloroethane-d5	1.93	69	27791	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.59	63	64865	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.69	46	106060	50.94	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.88%			
24) Chloroform-d	5.11	84	64967	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.74	65	34170	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.76	84	125272	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.73	67	42047	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.93	98	116288	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	8.21	79	19378	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.66	63	92286	48.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.46%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33271	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.21	152	40851	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30314	4.281	ug/L	98
3) Chloromethane	1.53	50	33881	4.620	ug/L	99
5) Vinyl chloride	1.62	62	34141	4.602	ug/L	97
6) Bromomethane	1.87	94	17903	5.046	ug/L	99
8) Chloroethane	1.95	64	19608	4.326	ug/L	96
9) Trichlorofluoromethane	2.16	101	47709	4.366	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	27424	4.374	ug/L	97
12) 1,1-Dichloroethene	2.60	96	27253	4.499	ug/L	98
13) Acetone	2.69	43	52629	44.839	ug/L	98
14) Carbon disulfide	2.82	76	91216	4.584	ug/L	97
15) Methyl Acetate	2.99	43	14194	4.081	ug/L	98
16) Methylene chloride	3.08	84	30950	4.354	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	78153	4.590	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	29160	4.429	ug/L	94
19) 1,1-Dichloroethane	3.91	63	55630	4.504	ug/L	96
21) 2-Butanone	4.76	43	97079	47.016	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	32259	4.494	ug/L	96

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Acq On : 01 Apr 2020 16:09
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV03

Quant Time: Apr 01 18:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 15:49:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	13846	4.426	ug/L	96
25) Chloroform	5.13	83	57229	4.498	ug/L	95
27) 1,2-Dichloroethane	5.83	62	37760	4.625	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	49382	4.469	ug/L	98
30) Cyclohexane	5.42	56	50996	4.251	ug/L	98
31) Carbon tetrachloride	5.56	117	40001	4.452	ug/L	99
33) Benzene	5.81	78	122915	4.511	ug/L	100
34) Trichloroethene	6.57	95	33007	4.590	ug/L	94
35) Methylcyclohexane	6.79	83	51679	4.294	ug/L	99
37) 1,2-Dichloropropane	6.83	63	33978	4.621	ug/L	99
38) Bromodichloromethane	7.14	83	43418	4.627	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	51452	4.572	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	241062	47.062	ug/L	99
42) Toluene	8.00	91	130598	4.509	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	45331	4.593	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	22711	4.416	ug/L	96
47) Tetrachloroethene	8.58	164	21481	4.567	ug/L	97
48) 2-Hexanone	8.71	43	172165	46.406	ug/L	98
49) Dibromochloromethane	8.83	129	28095	4.586	ug/L	99
50) 1,2-Dibromoethane	8.95	107	22725	4.542	ug/L	97
51) Chlorobenzene	9.47	112	81439	4.556	ug/L	100
52) Ethylbenzene	9.59	91	148155	4.490	ug/L	99
53) m,p-Xylene	9.72	106	54459	4.391	ug/L	94
54) o-Xylene	10.12	106	53482	4.477	ug/L	97
55) Styrene	10.13	104	95083	4.608	ug/L	99
56) Isopropylbenzene	10.50	105	143783	4.420	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	31427	4.542	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	22392	4.644	ug/L	96
61) Bromoform	10.31	173	16096	4.695	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	63673	4.623	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	65227	4.658	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	61718	4.684	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	6059	4.786	ug/L	96
67) 1,3,5-Trichlorobenzene	13.25	180	45873	4.615	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	44051	4.763	ug/L	99
69) Naphthalene	14.12	128	102195	4.967	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	40610	4.950	ug/L	96

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

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