Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091020\
Data File : VU040095.D
Acq On : 10 Sep 2020 20:45
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00527

Quant Time: Sep 11 01:59:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57105	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31116	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.92	69	25322	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	76729	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	4.65	46	103624	42.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.42%			
24) Chloroform-d	5.08	84	63590	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.72	65	37431	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	5.75	84	114635	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
36) 1,2-Dichloropropane-d6	6.70	67	35718	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.60%			
41) Toluene-d8	7.91	98	103912	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
43) trans-1,3-Dichloropropene-	8.18	79	16263	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.64	63	78817	41.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.84%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34029	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	38176	4.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	53858	4.827	ug/L	98
3) Chloromethane	1.53	50	44043	4.123	ug/L	97
5) Vinyl chloride	1.61	62	50507	4.664	ug/L	96
6) Bromomethane	1.86	94	7066	1.277	ug/L	88
8) Chloroethane	1.94	64	39278	6.036	ug/L	92
9) Trichlorofluoromethane	2.15	101	78907	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50004	4.973	ug/L	100
12) 1,1-Dichloroethene	2.59	96	44666	5.134	ug/L	92
13) Acetone	2.66	43	110905	48.799	ug/L	97
14) Carbon disulfide	2.81	76	133529	4.787	ug/L	98
15) Methyl Acetate	2.97	43	27341	4.793	ug/L	95
16) Methylene chloride	3.06	84	58608	5.144	ug/L	90
17) Methyl tert-butyl Ether	3.38	73	123863	4.724	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	46058	4.922	ug/L	97
19) 1,1-Dichloroethane	3.89	63	97420	5.057	ug/L	98
21) 2-Butanone	4.73	43	180973	48.775	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	51319	5.100	ug/L	98

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Instrument : MSVOA_U
ClientSampleId : VSTD00527

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 11 01:49:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	23354	5.297	ug/L	99
25) Chloroform	5.11	83	99884	5.063	ug/L	100
27) 1,2-Dichloroethane	5.81	62	71452	4.944	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	85859	4.813	ug/L	99
30) Cyclohexane	5.41	56	77623	4.487	ug/L	99
31) Carbon tetrachloride	5.54	117	73896	4.840	ug/L	97
33) Benzene	5.79	78	201660	4.961	ug/L	100
34) Trichloroethene	6.56	95	52849	4.847	ug/L	95
35) Methylcyclohexane	6.77	83	72346	4.333	ug/L	98
37) 1,2-Dichloropropane	6.80	63	55554	5.047	ug/L	100
38) Bromodichloromethane	7.11	83	72936	4.854	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	74360	4.581	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	434131	48.073	ug/L	99
42) Toluene	7.98	91	211797	5.060	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	68957	4.585	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	40228	5.017	ug/L	97
47) Tetrachloroethene	8.56	164	34987	4.885	ug/L	97
48) 2-Hexanone	8.69	43	313355	47.569	ug/L	98
49) Dibromochloromethane	8.82	129	47505	4.936	ug/L	98
50) 1,2-Dibromoethane	8.93	107	38565	4.989	ug/L	92
51) Chlorobenzene	9.45	112	134229	5.165	ug/L	95
52) Ethylbenzene	9.57	91	231570	4.869	ug/L	98
53) m,p-Xylene	9.69	106	86718	5.121	ug/L	98
54) o-Xylene	10.10	106	83557	5.178	ug/L	96
55) Styrene	10.11	104	149504	5.328	ug/L	96
56) Isopropylbenzene	10.48	105	224643	5.104	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	53540	5.208	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	40627	4.982	ug/L	97
61) Bromoform	10.29	173	24282	4.636	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	105126	5.037	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	106384	5.037	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	103533	5.126	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9173	4.247	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	71379	4.864	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	61116	4.835	ug/L	99
69) Naphthalene	14.08	128	118608	4.501	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	58483	5.037	ug/L	97

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

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