Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041032.D
Acq On : 30 Oct 2020 09:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 30 22:56:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58691	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29618	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	17608	3.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.40%			
7) Chloroethane-d5	1.93	69	15174	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.00%			
11) 1,1-Dichloroethene-d2	2.58	63	38362	3.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.40%			
20) 2-Butanone-d5	4.66	46	97092	59.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.60%			
24) Chloroform-d	5.08	84	39473	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	25621	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.74	84	66560	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.70	67	23673	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.90	98	59065	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	8.18	79	10689	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.64	63	68806	56.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.20%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24549	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	22501	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	25424	4.745	ug/L	98
3) Chloromethane	1.53	50	25747	4.608	ug/L	99
5) Vinyl chloride	1.61	62	25931	4.705	ug/L	97
6) Bromomethane	1.87	94	14011	4.435	ug/L	99
8) Chloroethane	1.94	64	15093	4.322	ug/L	96
9) Trichlorofluoromethane	2.15	101	35237	4.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	20977	4.777	ug/L	98
12) 1,1-Dichloroethene	2.59	96	19388	4.677	ug/L	90
13) Acetone	2.67	43	61674	55.557	ug/L	92
14) Carbon disulfide	2.81	76	60375	4.358	ug/L	98
15) Methyl Acetate	2.97	43	15147	5.963	ug/L #	89
16) Methylene chloride	3.06	84	22180	4.591	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	53332	4.998	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	19174	4.551	ug/L	99
19) 1,1-Dichloroethane	3.89	63	40529	4.812	ug/L	97
21) 2-Butanone	4.74	43	93396	53.830	ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	20647	4.751	ug/L	99

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Data File : VU041032.D
Acq On : 30 Oct 2020 09:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 30 22:56:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	10342	5.044 ug/L	99
25) Chloroform	5.11	83	41852	4.955 ug/L	100
27) 1,2-Dichloroethane	5.81	62	31828	5.059 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	34431	4.706 ug/L	98
30) Cyclohexane	5.40	56	33217	4.608 ug/L	98
31) Carbon tetrachloride	5.54	117	30024	4.635 ug/L	97
33) Benzene	5.79	78	84126	4.707 ug/L	100
34) Trichloroethene	6.55	95	21814	4.796 ug/L	96
35) Methylcyclohexane	6.77	83	31347	4.620 ug/L	99
37) 1,2-Dichloropropane	6.80	63	24244	5.013 ug/L #	96
38) Bromodichloromethane	7.11	83	29910	4.768 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	32120	4.824 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	212494	55.106 ug/L	98
42) Toluene	7.97	91	88002	4.856 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	31266	5.017 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	18339	5.094 ug/L	93
47) Tetrachloroethene	8.56	164	15465	4.624 ug/L	94
48) 2-Hexanone	8.69	43	165562	57.022 ug/L	97
49) Dibromochloromethane	8.81	129	20727	4.958 ug/L	97
50) 1,2-Dibromoethane	8.93	107	17037	4.966 ug/L	97
51) Chlorobenzene	9.45	112	56270	4.896 ug/L	97
52) Ethylbenzene	9.57	91	90868	4.763 ug/L	99
53) m,p-Xylene	9.69	106	33220	4.775 ug/L	98
54) o-Xylene	10.10	106	31908	4.924 ug/L	89
55) Styrene	10.11	104	57313	4.964 ug/L	100
56) Isopropylbenzene	10.48	105	86721	4.977 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24337	5.147 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	19001	5.272 ug/L	98
61) Bromoform	10.29	173	11492	5.035 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	42627	4.986 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	42790	4.833 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	40890	4.847 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4261	5.153 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	29413	4.919 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	23897	4.825 ug/L	97
69) Naphthalene	14.08	128	42690	4.820 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	23523	5.153 ug/L	96

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

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