Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041030.D
Acq On : 29 Oct 2020 22:09
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 30 07:16:10 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	53321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27323	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17134	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.40%			
7) Chloroethane-d5	1.92	69	14100	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.58	63	37280	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	4.66	46	85016	57.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.26%			
24) Chloroform-d	5.08	84	38830	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.72	65	24781	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	65386	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.70	67	23473	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.91	98	58405	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9680	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.64	63	61642	56.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22159	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	21909	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	24829	5.100	ug/L	100
3) Chloromethane	1.53	50	24499	4.826	ug/L	99
5) Vinyl chloride	1.61	62	25155	5.023	ug/L	100
6) Bromomethane	1.87	94	13514	4.708	ug/L	100
8) Chloroethane	1.94	64	14796	4.663	ug/L	98
9) Trichlorofluoromethane	2.15	101	34878	5.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	20194	5.062	ug/L	95
12) 1,1-Dichloroethene	2.59	96	19085	5.067	ug/L	94
13) Acetone	2.68	43	54092	53.634	ug/L	94
14) Carbon disulfide	2.81	76	60108	4.776	ug/L	100
15) Methyl Acetate	2.97	43	11227	4.865	ug/L	95
16) Methylene chloride	3.06	84	23449	5.343	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	50675	5.228	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	19195	5.015	ug/L	99
19) 1,1-Dichloroethane	3.89	63	40229	5.257	ug/L	98
21) 2-Butanone	4.74	43	84980	53.912	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	20858	5.283	ug/L	95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

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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	10229	5.492 ug/L	98
25) Chloroform	5.11	83	41966	5.469 ug/L	98
27) 1,2-Dichloroethane	5.81	62	31008	5.425 ug/L #	94
29) 1,1,1-Trichloroethane	5.34	97	35063	5.321 ug/L	97
30) Cyclohexane	5.41	56	32225	4.963 ug/L	97
31) Carbon tetrachloride	5.54	117	30966	5.306 ug/L	98
33) Benzene	5.79	78	83577	5.191 ug/L	100
34) Trichloroethene	6.56	95	21907	5.347 ug/L	97
35) Methylcyclohexane	6.78	83	28944	4.736 ug/L	98
37) 1,2-Dichloropropane	6.80	63	23629	5.424 ug/L #	97
38) Bromodichloromethane	7.11	83	29690	5.254 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	30245	5.042 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	193536	55.716 ug/L	98
42) Toluene	7.98	91	88663	5.431 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	29066	5.178 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	17396	5.364 ug/L	93
47) Tetrachloroethene	8.56	164	15583	5.172 ug/L	96
48) 2-Hexanone	8.69	43	148942	56.946 ug/L	97
49) Dibromochloromethane	8.82	129	20189	5.361 ug/L	99
50) 1,2-Dibromoethane	8.93	107	16282	5.269 ug/L	97
51) Chlorobenzene	9.45	112	52995	5.119 ug/L	97
52) Ethylbenzene	9.57	91	88840	5.170 ug/L	99
53) m,p-Xylene	9.69	106	33597	5.361 ug/L	99
54) o-Xylene	10.10	106	30894	5.293 ug/L	96
55) Styrene	10.11	104	56264	5.410 ug/L	98
56) Isopropylbenzene	10.48	105	83652	5.330 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	22146	5.200 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	16914	5.209 ug/L	98
61) Bromoform	10.29	173	11220	5.329 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	42419	5.378 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	42322	5.181 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	39279	5.047 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	4243	5.562 ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	27709	5.023 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	22964	5.026 ug/L	98
69) Naphthalene	14.08	128	40242	4.925 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	21969	5.216 ug/L	98

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

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