Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102620\
Data File : VU040939.D
Acq On : 26 Oct 2020 12:46
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 27 03:18:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	84180	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	82428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41346	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29633	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.92	69	23328	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.58	63	58878	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	4.66	46	105787	45.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.84%			
24) Chloroform-d	5.08	84	52395	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	5.72	65	31564	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
32) Benzene-d6	5.74	84	97323	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.70	67	32634	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.90	98	89053	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	8.19	79	14159	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	81207	48.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.96%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29803	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	32181	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32011	4.165	ug/L	97
3) Chloromethane	1.53	50	34518	4.307	ug/L	100
5) Vinyl chloride	1.61	62	34621	4.379	ug/L	100
6) Bromomethane	1.87	94	19723	4.352	ug/L	99
8) Chloroethane	1.94	64	21070	4.206	ug/L	97
9) Trichlorofluoromethane	2.15	101	45172	4.204	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27094	4.302	ug/L	99
12) 1,1-Dichloroethene	2.59	96	25458	4.281	ug/L	97
13) Acetone	2.68	43	71452m	44.876	ug/L	
14) Carbon disulfide	2.81	76	85018	4.279	ug/L	99
15) Methyl Acetate	2.97	43	16627	4.564	ug/L	94
16) Methylene chloride	3.06	84	28610	4.129	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	70135	4.583	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	26008	4.304	ug/L	98
19) 1,1-Dichloroethane	3.89	63	51713	4.281	ug/L	99
21) 2-Butanone	4.74	43	115886	46.568	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	27774	4.456	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 27 03:18:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	13005	4.422 ug/L	96
25) Chloroform	5.11	83	51667	4.265 ug/L	97
27) 1,2-Dichloroethane	5.81	62	39469	4.374 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	43996	4.364 ug/L	97
30) Cyclohexane	5.41	56	47108	4.743 ug/L	99
31) Carbon tetrachloride	5.54	117	38520	4.315 ug/L	98
33) Benzene	5.79	78	110977	4.506 ug/L	100
34) Trichloroethene	6.55	95	28355	4.524 ug/L	97
35) Methylcyclohexane	6.77	83	43838	4.689 ug/L	98
37) 1,2-Dichloropropane	6.80	63	29400	4.412 ug/L	99
38) Bromodichloromethane	7.12	83	38393	4.441 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	42061	4.584 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	254028	47.806 ug/L	100
42) Toluene	7.98	91	114782	4.596 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	39999	4.658 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	21948	4.424 ug/L	93
47) Tetrachloroethene	8.56	164	20721	4.496 ug/L	94
48) 2-Hexanone	8.69	43	189947	47.475 ug/L	99
49) Dibromochloromethane	8.82	129	25477	4.422 ug/L	94
50) 1,2-Dibromoethane	8.93	107	21389	4.524 ug/L	99
51) Chlorobenzene	9.45	112	70796	4.470 ug/L	100
52) Ethylbenzene	9.57	91	120842	4.597 ug/L	99
53) m,p-Xylene	9.69	106	44902	4.683 ug/L	98
54) o-Xylene	10.10	106	42741	4.787 ug/L	95
55) Styrene	10.11	104	76644	4.818 ug/L	99
56) Isopropylbenzene	10.48	105	116645	4.858 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	29875	4.585 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	22340	4.498 ug/L	100
61) Bromoform	10.29	173	14694	4.612 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	56800	4.759 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	57387	4.643 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	53482	4.541 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	5309	4.599 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	38985	4.671 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	34429	4.979 ug/L	98
69) Naphthalene	14.08	128	66095	5.346 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	34295	5.381 ug/L	94

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

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