Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (QT Reviewed)

Data File : VU027771.D
Acq On : 24 Oct 2018 08:58
Operator : MD/SY
Sample : VSTD00143
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00143

Quant Time: Oct 25 04:15:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	40560	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	39551	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	19643	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	3444	1.04	ug/L		0.00
7) Chloroethane-d5	1.68	69	2555	1.02	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.28	63	6269	0.99	ug/L		0.00
20) 2-Butanone-d5	4.22	46	10046	9.99	ug/L		0.02
24) Chloroform-d	4.66	84	5687	0.96	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.31	65	3513	1.00	ug/L		0.00
32) Benzene-d6	5.35	84	10383	0.98	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.33	67	3584	0.96	ug/L		0.00
41) Toluene-d8	7.57	98	9903	0.98	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.85	79	1457	0.96	ug/L		0.00
46) 2-Hexanone-d5	8.32	63	8062	9.62	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	2815	0.99	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	3609	0.98	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	3818	0.971	ug/L		95
3) Chloromethane	1.33	50	4490	1.017	ug/L		98
5) Vinyl chloride	1.41	62	4204	0.989	ug/L		97
6) Bromomethane	1.64	94	2222	1.020	ug/L		89
8) Chloroethane	1.70	64	2158	0.939	ug/L	#	81
9) Trichlorofluoromethane	1.89	101	5839	1.039	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2957	1.042	ug/L		97
12) 1,1-Dichloroethene	2.29	96	2588	0.979	ug/L		80
13) Acetone	2.36	43	7805	10.770	ug/L		95
14) Carbon disulfide	2.48	76	8944	0.985	ug/L		96
15) Methyl Acetate	2.63	43	2231	1.100	ug/L	#	72
16) Methylene chloride	2.71	84	3152	1.011	ug/L		93
17) Methyl tert-butyl Ether	3.01	73	8678	1.025	ug/L	#	91
18) trans-1,2-Dichloroethene	2.99	96	2936	1.036	ug/L		94
19) 1,1-Dichloroethane	3.45	63	6483	1.035	ug/L		95
21) 2-Butanone	4.30	43	12340	10.378	ug/L		94
22) cis-1,2-Dichloroethene	4.23	96	3307	0.983	ug/L		96
23) Bromochloromethane	4.56	128	1313	0.962	ug/L		97
25) Chloroform	4.68	83	6276	0.995	ug/L		99
27) 1,2-Dichloroethane	5.41	62	4658	1.000	ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	5902	1.037	ug/L		95
30) Cyclohexane	5.00	56	6401	1.005	ug/L	#	91
31) Carbon tetrachloride	5.13	117	4976	1.019	ug/L		100
33) Benzene	5.39	78	13529	1.029	ug/L		100
34) Trichloroethene	6.19	95	3410	1.001	ug/L		97
35) Methylcyclohexane	6.42	83	5653	0.993	ug/L		95
37) 1,2-Dichloropropane	6.44	63	3889	1.008	ug/L	#	90
38) Bromodichloromethane	6.76	83	4657	1.011	ug/L	#	98
39) cis-1,3-Dichloropropene	7.28	75	5411	0.979	ug/L		92
40) 4-Methyl-2-pentanone	7.47	43	28848	9.999	ug/L		98

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) Toluene	7.64	91	14097	0.996 ug/L		96
44) trans-1,3-Dichloropropene	7.88	75	4541	0.976 ug/L		91
45) 1,1,2-Trichloroethane	8.07	97	2144	0.921 ug/L		94
47) Tetrachloroethene	8.23	164	2831	1.023 ug/L		96
48) 2-Hexanone	8.37	43	20470	9.986 ug/L		99
49) Dibromochloromethane	8.48	129	2734	0.921 ug/L		90
50) 1,2-Dibromoethane	8.59	107	2252	0.995 ug/L	#	96
51) Chlorobenzene	9.12	112	8778	1.008 ug/L		97
52) Ethylbenzene	9.25	91	16427	1.001 ug/L		98
53) m,p-xylene	9.38	106	5779	0.994 ug/L		92
54) o-xylene	9.78	106	5712	1.006 ug/L		94
55) Styrene	9.79	104	9404	0.978 ug/L		96
56) Isopropylbenzene	10.17	105	15508	0.986 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	2911	0.950 ug/L	#	97
59) 1,2,3-Trichloropropane	10.49	75	2591	1.066 ug/L		99
61) Bromoform	9.96	173	1500	0.908 ug/L	#	93
62) 1,3-Dichlorobenzene	11.42	146	6864	0.994 ug/L		93
63) 1,4-Dichlorobenzene	11.51	146	6863	0.984 ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	6436	0.991 ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.66	75	411	0.794 ug/L	#	74
67) 1,3,5-Trichlorobenzene	12.89	180	5335	0.963 ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	4510	0.937 ug/L		95
69) Naphthalene	13.75	128	7355	0.941 ug/L		96
70) 1,2,3-Trichlorobenzene	13.99	180	4160	0.938 ug/L		93

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

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