

Data File : VU027782.D
Acq On : 24 Oct 2018 13:47
Operator : MD/SY
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:46 AM

Quant Time: Oct 25 06:37:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	40434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	37884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19279	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15949	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.68	69	12433	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.28	63	23612	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.21	46	51939	51.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.65	84	28495	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	17646	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	53659	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	19566	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.57	98	50126	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.85	79	7603	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.32	63	43521	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14007	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	18583	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	1161	0.296 ug/L #	85
3) Chloromethane	1.33	50	1235	0.280 ug/L	91
5) Vinyl chloride	1.40	62	1278	0.302 ug/L #	58
6) Bromomethane	1.63	94	548	0.252 ug/L	93
8) Chloroethane	1.71	64	639	0.279 ug/L	91
9) Trichlorofluoromethane	1.89	101	1613	0.288 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	908	0.321 ug/L #	87
12) 1,1-Dichloroethene	2.29	96	857	0.325 ug/L #	1
13) Acetone	2.35	43	2890	4.000 ug/L	82
14) Carbon disulfide	2.48	76	2512	0.278 ug/L	95
16) Methylene chloride	2.71	84	1296	0.417 ug/L	94
17) Methyl tert-butyl Ether	3.01	73	2459	0.291 ug/L #	85
18) trans-1,2-Dichloroethene	2.99	96	714	0.253 ug/L	93
19) 1,1-Dichloroethane	3.45	63	1752	0.281 ug/L	88
21) 2-Butanone	4.30	43	3727	3.144 ug/L	81
22) cis-1,2-Dichloroethene	4.24	96	835	0.249 ug/L	81
25) Chloroform	4.68	83	1769	0.281 ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.41	62	1205	0.259	ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1533	0.281	ug/L	95
30) Cyclohexane	4.99	56	1789	0.293	ug/L	91
31) Carbon tetrachloride	5.13	117	1298	0.278	ug/L	93
33) Benzene	5.39	78	3870	0.307	ug/L	100
34) Trichloroethene	6.19	95	980	0.300	ug/L	91
35) Methylcyclohexane	6.41	83	1735	0.318	ug/L	91
38) Bromodichloromethane	6.76	83	1300	0.295	ug/L #	85
39) cis-1,3-Dichloropropene	7.28	75	1613	0.305	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	7957	2.879	ug/L #	88
42) Toluene	7.64	91	3992	0.295	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	1303	0.292	ug/L	92
45) 1,1,2-Trichloroethane	8.07	97	603	0.270	ug/L	81
47) Tetrachloroethene	8.23	164	807	0.305	ug/L	76
48) 2-Hexanone	8.37	43	6374	3.246	ug/L	97
49) Dibromochloromethane	8.48	129	657	0.231	ug/L	86
50) 1,2-Dibromoethane	8.59	107	576	0.266	ug/L #	83
51) Chlorobenzene	9.12	112	2447	0.293	ug/L	91
52) Ethylbenzene	9.25	91	4456	0.283	ug/L	94
53) m,p-xylene	9.38	106	1348	0.242	ug/L	88
54) o-xylene	9.79	106	1437	0.264	ug/L	94
55) Styrene	9.79	104	2543	0.276	ug/L	87
56) Isopropylbenzene	10.17	105	4313	0.286	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	833m	0.284	ug/L	
59) 1,2,3-Trichloropropane	10.50	75	652	0.280	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	1863	0.275	ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	2214	0.323	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1827	0.287	ug/L #	90
67) 1,3,5-Trichlorobenzene	13.50	180	1182	0.217	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	1182	0.250	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	1126	0.259	ug/L #	95

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

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