

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR070518\
 Data File : VR025440.D
 Acq On : 5 Jul 2018 15:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

Manual Integrations
 APPROVED

MMDadoda
 7/6/2018 4:17:20 PM

Quant Time: Jul 06 01:32:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 15:29:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	701714	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	572960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	228532	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	107757	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	2.62	69	88105	5.34	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	3.63	63	298036	5.08	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	6.59	46	323876	53.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.80%
24) Chloroform-d	7.20	84	475233	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	7.90	65	178267	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	1031287	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	8.90	67	283948	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	9.97	98	911903	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	10.24	79	74981	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	10.59	63	270061	56.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	123765	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	198488	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	212108	5.35	ug/L	97
3) Chloromethane	2.00	50	127493	5.42	ug/L	97
5) Vinyl chloride	2.16	62	119483	5.66	ug/L	96
6) Bromomethane	2.52	94	68562	5.52	ug/L	83
8) Chloroethane	2.66	64	68860	5.24	ug/L	92
9) Trichlorofluoromethane	2.98	101	182210m	5.28	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	103172	4.91	ug/L	98
12) 1,1-Dichloroethene	3.65	96	107759	5.14	ug/L	87
13) Acetone	3.70	43	126293	46.65	ug/L	99
14) Carbon disulfide	3.96	76	247444	5.18	ug/L	98
15) Methyl Acetate	4.19	43	30388	5.02	ug/L	99
16) Methylene chloride	4.41	84	89953m	4.38	ug/L	
17) Methyl tert-butyl Ether	4.89	73	361037	5.28	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	267098	5.12	ug/L	95
19) 1,1-Dichloroethane	5.69	63	453807	5.07	ug/L	96
21) 2-Butanone	6.69	43	326650	51.80	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	261994	5.47	ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	77961	5.06	ug/L	97
25) Chloroform	7.23	83	427771	4.97	ug/L	98
27) 1,2-Dichloroethane	7.99	62	190765m	4.95	ug/L	
29) 1,1,1-Trichloroethane	7.42	97	288100	4.94	ug/L	99
30) Cyclohexane	7.51	56	372271	5.95	ug/L	97
31) Carbon tetrachloride	7.64	117	266378	5.17	ug/L	97
33) Benzene	7.91	78	1049727	5.32	ug/L	100
34) Trichloroethene	8.71	95	252616	5.02	ug/L	93
35) Methylcyclohexane	8.96	83	387113	5.76	ug/L	96
37) 1,2-Dichloropropane	8.99	63	236565	5.15	ug/L	99
38) Bromodichloromethane	9.28	83	237987	5.09	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	276805	5.36	ug/L	97
40) 4-Methyl-2-pentanone	9.86	43	750640	56.42	ug/L	96
42) Toluene	10.03	91	1046681	5.45	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	198859	5.25	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	113493	5.05	ug/L	96
47) Tetrachloroethene	10.51	164	167155	5.09	ug/L	93
48) 2-Hexanone	10.64	43	501369	54.79	ug/L	96
49) Dibromochloromethane	10.78	129	118677	5.06	ug/L	96
50) 1,2-Dibromoethane	10.89	107	95822	5.26	ug/L	100
51) Chlorobenzene	11.31	112	590591	5.05	ug/L	98
52) Ethylbenzene	11.39	91	1128502	5.48	ug/L	97
53) m,p-Xylene	11.50	106	420299	5.44	ug/L	93
54) o-Xylene	11.83	106	396472	5.96	ug/L	97
55) Styrene	11.84	104	621043	5.67	ug/L	97
56) Isopropylbenzene	12.13	105	1016948	5.77	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	110007	4.97	ug/L #	99
59) 1,2,3-Trichloropropane	12.43	75	83272	5.22	ug/L	97
61) Bromoform	12.01	173	44109	4.74	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	351037	5.24	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	376894	5.07	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	303178	5.21	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.14	75	11993	4.66	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	231861	5.30	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	152902	5.09	ug/L	99
69) Naphthalene	15.00	128	208290	5.41	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	126344	5.45	ug/L	98

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

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