

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026438.D
 Acq On : 3 Apr 2019 19:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV89

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:33:58 AM

Quant Time: Apr 04 06:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 04 06:00:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	550354	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	447310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	180298	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	203594	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	2.63	69	173507	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	3.61	63	539573	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	6.58	46	187449	50.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	7.20	84	390506	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	7.90	65	161169	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.85	84	734028	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	8.89	67	184679	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	9.96	98	684730	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	10.23	79	48208	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	10.59	63	151027	57.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71526	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	128969	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	248920	4.413	ug/L	98
3) Chloromethane	2.01	50	281353	4.729	ug/L	100
5) Vinyl chloride	2.17	62	275480	4.712	ug/L	98
6) Bromomethane	2.52	94	158986	4.651	ug/L	99
8) Chloroethane	2.66	64	153740	4.638	ug/L	97
9) Trichlorofluoromethane	2.93	101	394080m	4.869	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	205815	4.609	ug/L	99
12) 1,1-Dichloroethene	3.63	96	239385	4.905	ug/L	91
13) Acetone	3.69	43	188266	49.970	ug/L	100
14) Carbon disulfide	3.92	76	682861	4.820	ug/L	98
15) Methyl Acetate	4.19	43	48038	4.726	ug/L	97
16) Methylene chloride	4.40	84	200408	4.618	ug/L	93
17) Methyl tert-butyl Ether	4.89	73	242592	4.370	ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	211457	4.592	ug/L	98
19) 1,1-Dichloroethane	5.69	63	411663	4.811	ug/L	98
21) 2-Butanone	6.69	43	256965	53.048	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	191699	5.005	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	56261	4.714	uq/L	90
25) Chloroform	7.23	83	391807	4.786	uq/L	99
27) 1,2-Dichloroethane	7.99	62	195009	4.776	uq/L	98
29) 1,1,1-Trichloroethane	7.43	97	351171	4.757	uq/L	98
30) Cyclohexane	7.51	56	361503	5.270	uq/L	99
31) Carbon tetrachloride	7.63	117	336611	4.813	uq/L	99
33) Benzene	7.90	78	877794	5.021	uq/L	100
34) Trichloroethene	8.71	95	220879	4.717	uq/L	98
35) Methylcyclohexane	8.95	83	339701	5.087	uq/L	99
37) 1,2-Dichloropropane	8.99	63	184360	4.812	uq/L	99
38) Bromodichloromethane	9.28	83	218410	4.934	uq/L #	97
39) cis-1,3-Dichloropropene	9.72	75	214375	5.155	uq/L	100
40) 4-Methyl-2-pentanone	9.86	43	628648	56.003	uq/L	98
42) Toluene	10.03	91	925541	5.166	uq/L	99
44) trans-1,3-Dichloropropene	10.26	75	154488	5.093	uq/L	94
45) 1,1,2-Trichloroethane	10.45	97	72994	4.710	uq/L	99
47) Tetrachloroethene	10.51	164	157352	4.722	uq/L	99
48) 2-Hexanone	10.63	43	423678	56.744	uq/L	98
49) Dibromochloromethane	10.79	129	97830	4.819	uq/L	98
50) 1,2-Dibromoethane	10.88	107	64283	4.823	uq/L	98
51) Chlorobenzene	11.32	112	486784	4.842	uq/L	97
52) Ethylbenzene	11.39	91	1070132	5.185	uq/L	100
53) m,p-Xylene	11.50	106	376196	5.086	uq/L	95
54) o-Xylene	11.83	106	340800	5.244	uq/L	98
55) Styrene	11.84	104	533297	5.198	uq/L	93
56) Isopropylbenzene	12.13	105	1003910	5.442	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	70167	4.663	uq/L	97
59) 1,2,3-Trichloropropane	12.43	75	54979	4.763	uq/L	95
61) Bromoform	12.01	173	36825	4.577	uq/L	95
62) 1,3-Dichlorobenzene	13.16	146	268783	4.651	uq/L	97
63) 1,4-Dichlorobenzene	13.24	146	299426	4.615	uq/L	97
65) 1,2-Dichlorobenzene	13.53	146	226774	4.731	uq/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	7771	4.218	uq/L #	70
67) 1,3,5-Trichlorobenzene	14.29	180	171770	4.549	uq/L	98
68) 1,2,4-trichlorobenzene	14.79	180	93207	4.442	uq/L	95
69) Naphthalene	15.00	128	87996	4.459	uq/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	69957	4.810	uq/L	94

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

