

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026269.D
 Acq On : 17 Dec 2018 17:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

Quant Time: Dec 18 00:26:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 17 18:11:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	643195	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	518788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	195688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	209874	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	2.63	69	200165	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	3.61	63	596325	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	6.59	46	181244	49.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	7.20	84	420259	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	157529	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	7.85	84	828861	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	8.90	67	201385	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	784394	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	10.24	79	53375	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	10.59	63	123744	53.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75664	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	148618	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	273298	5.118	ug/L 97
3) Chloromethane	2.01	50	330655	5.185	ug/L 96
5) Vinyl chloride	2.17	62	340324	5.249	ug/L 97
6) Bromomethane	2.52	94	217246	5.022	ug/L 95
8) Chloroethane	2.66	64	203340	5.088	ug/L 99
9) Trichlorofluoromethane	2.94	101	524947	5.280	ug/L # 60
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	287359	5.297	ug/L 99
12) 1,1-Dichloroethene	3.63	96	308374	5.354	ug/L 94
13) Acetone	3.70	43	176513	47.673	ug/L 97
14) Carbon disulfide	3.93	76	1010676	5.345	ug/L 100
15) Methyl Acetate	4.19	43	46281	4.684	ug/L 94
16) Methylene chloride	4.40	84	243122	4.946	ug/L 96
17) Methyl tert-butyl Ether	4.90	73	253435	5.136	ug/L 99
18) trans-1,2-Dichloroethene	4.88	96	267630	5.243	ug/L 97
19) 1,1-Dichloroethane	5.69	63	456939	4.896	ug/L 99
21) 2-Butanone	6.68	43	230389	52.468	ug/L 100
22) cis-1,2-Dichloroethene	6.68	96	233820	5.129	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.06	128	65276	4.861	ug/L	97
25) Chloroform	7.23	83	438849	4.960	ug/L	95
27) 1,2-Dichloroethane	7.99	62	191538	5.021	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	435953	5.132	ug/L	98
30) Cyclohexane	7.52	56	441474	5.862	ug/L	98
31) Carbon tetrachloride	7.64	117	396143	5.122	ug/L	100
33) Benzene	7.91	78	1037746	5.081	ug/L	100
34) Trichloroethene	8.71	95	278684	5.175	ug/L	98
35) Methylcyclohexane	8.95	83	445750	5.710	ug/L	98
37) 1,2-Dichloropropane	9.00	63	214090	5.120	ug/L	99
38) Bromodichloromethane	9.28	83	233608	4.931	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	249863	5.432	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	555922	55.239	ug/L	99
42) Toluene	10.04	91	1110338	5.319	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	171950	5.260	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	87131	5.019	ug/L	98
47) Tetrachloroethene	10.51	164	210540	5.139	ug/L	94
48) 2-Hexanone	10.63	43	352239	54.300	ug/L	99
49) Dibromochloromethane	10.79	129	109849	4.985	ug/L	96
50) 1,2-Dibromoethane	10.89	107	71488	4.888	ug/L	98
51) Chlorobenzene	11.32	112	595307	5.097	ug/L	96
52) Ethylbenzene	11.39	91	1288932	5.470	ug/L	99
53) m,p-Xylene	11.50	106	480132	5.448	ug/L	99
54) o-Xylene	11.83	106	423783	5.519	ug/L	99
55) Styrene	11.84	104	628289	5.419	ug/L	97
56) Isopropylbenzene	12.13	105	1259312	5.768	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	75489	4.924	ug/L	94
59) 1,2,3-Trichloropropane	12.43	75	57293	4.822	ug/L	99
61) Bromoform	12.01	173	40581	4.908	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	343848	5.406	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	354809	5.194	ug/L	94
65) 1,2-Dichlorobenzene	13.53	146	265702	5.132	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	7860	4.278	ug/L #	75
67) 1,3,5-Trichlorobenzene	14.29	180	220690	5.417	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	121016	5.468	ug/L	99
69) Naphthalene	15.01	128	109245	5.496	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	87410	5.696	ug/L	98

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

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