

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\
 Data File : VR026280.D
 Acq On : 18 Dec 2018 00:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00588

Quant Time: Dec 18 01:09:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 18 00:30:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	542361	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	453320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	171603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	178359	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	2.63	69	177772	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	3.61	63	524737	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	6.58	46	141293	46.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.20%
24) Chloroform-d	7.20	84	354626	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	133583	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.86	84	698905	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	8.90	67	174806	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.97	98	664205	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	10.23	79	42702	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	108739	53.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69738	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	128607	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.83	85	220480	4.896	ug/L	98
3) Chloromethane	2.02	50	276615	5.144	ug/L	97
5) Vinyl chloride	2.17	62	292949	5.358	ug/L	97
6) Bromomethane	2.53	94	187218	5.133	ug/L	95
8) Chloroethane	2.66	64	181142	5.375	ug/L	99
9) Trichlorofluoromethane	2.94	101	467230	5.573	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	248599	5.434	ug/L	99
12) 1,1-Dichloroethene	3.63	96	271043	5.580	ug/L	94
13) Acetone	3.70	43	160889	51.532	ug/L	97
14) Carbon disulfide	3.93	76	882578	5.535	ug/L	100
15) Methyl Acetate	4.19	43	45046	5.407	ug/L	99
16) Methylene chloride	4.40	84	218502	5.272	ug/L	98
17) Methyl tert-butyl Ether	4.90	73	195525	4.699	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	214930	4.993	ug/L	94
19) 1,1-Dichloroethane	5.69	63	376269	4.782	ug/L	99
21) 2-Butanone	6.69	43	196848	53.164	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	192396	5.005	ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	53725	4.745	ug/L	94
25) Chloroform	7.23	83	373009	4.999	ug/L	95
27) 1,2-Dichloroethane	7.99	62	160753	4.997	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	352698	4.751	ug/L	97
30) Cyclohexane	7.52	56	348474	5.296	ug/L	98
31) Carbon tetrachloride	7.64	117	327400	4.844	ug/L	100
33) Benzene	7.91	78	891137	4.994	ug/L	100
34) Trichloroethene	8.71	95	227684	4.839	ug/L	97
35) Methylcyclohexane	8.95	83	359708	5.274	ug/L	99
37) 1,2-Dichloropropane	9.00	63	182209	4.987	ug/L	100
38) Bromodichloromethane	9.28	83	201323	4.863	ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	197915	4.924	ug/L	95
40) 4-Methyl-2-pentanone	9.87	43	485618	55.222	ug/L	100
42) Toluene	10.04	91	968110	5.308	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	139093	4.869	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	71167	4.692	ug/L	96
47) Tetrachloroethene	10.51	164	173936	4.859	ug/L	94
48) 2-Hexanone	10.63	43	319158	56.306	ug/L	99
49) Dibromochloromethane	10.79	129	95131	4.940	ug/L	88
50) 1,2-Dibromoethane	10.89	107	62372	4.881	ug/L #	93
51) Chlorobenzene	11.32	112	509676	4.994	ug/L	97
52) Ethylbenzene	11.39	91	1130692	5.491	ug/L	97
53) m,p-Xylene	11.50	106	411349	5.341	ug/L	99
54) o-Xylene	11.83	106	366163	5.457	ug/L	99
55) Styrene	11.84	104	551605	5.445	ug/L	99
56) Isopropylbenzene	12.13	105	1083030	5.677	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	68369	5.104	ug/L	96
59) 1,2,3-Trichloropropane	12.43	75	49465	4.764	ug/L	99
61) Bromoform	12.01	173	35975	4.962	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	282707	5.068	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	300726	5.020	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	235527	5.188	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	7162	4.445	ug/L #	69
67) 1,3,5-Trichlorobenzene	14.29	180	176590	4.943	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	90666	4.672	ug/L	99
69) Naphthalene	15.01	128	84109	4.825	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	67896	5.045	ug/L	98

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

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