

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040419\
 Data File : VR026440.D
 Acq On : 4 Apr 2019 11:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00595

Quant Time: Apr 05 05:41:50 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	481548	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	408330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	160613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	190030	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	2.63	69	159278	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	3.61	63	508861	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	6.59	46	167335	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	7.20	84	366900	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	7.89	65	147147	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	671899	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	8.89	67	171149	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	9.96	98	646035	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	10.23	79	44484	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	10.59	63	145302	60.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65712	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	126306	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.82	85	230351	4.667	ug/L	99
3) Chloromethane	2.01	50	265429	5.099	ug/L	98
5) Vinyl chloride	2.15	62	254466	4.975	ug/L	94
6) Bromomethane	2.52	94	151769	5.074	ug/L	92
8) Chloroethane	2.66	64	151232	5.215	ug/L	99
9) Trichlorofluoromethane	2.93	101	378684	5.348	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	201543	5.158	ug/L	99
12) 1,1-Dichloroethene	3.62	96	214223	5.016	ug/L	87
13) Acetone	3.69	43	165153	50.099	ug/L	100
14) Carbon disulfide	3.92	76	638876	5.154	ug/L	99
15) Methyl Acetate	4.19	43	46881	5.271	ug/L	99
16) Methylene chloride	4.40	84	191931	5.055	ug/L	88
17) Methyl tert-butyl Ether	4.88	73	224965	4.631	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	200527	4.977	ug/L	92
19) 1,1-Dichloroethane	5.69	63	363867	4.860	ug/L	96
21) 2-Butanone	6.69	43	223618	52.760	ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	176420	5.264	ug/L #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	50458	4.832	ug/L	95
25) Chloroform	7.23	83	350914	4.899	ug/L	100
27) 1,2-Dichloroethane	7.99	62	179519	5.025	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	315685	4.684	ug/L	96
30) Cyclohexane	7.51	56	338597	5.407	ug/L	99
31) Carbon tetrachloride	7.63	117	314118	4.920	ug/L	98
33) Benzene	7.90	78	798280	5.003	ug/L	100
34) Trichloroethene	8.71	95	206216	4.824	ug/L	97
35) Methylcyclohexane	8.95	83	327716	5.376	ug/L	98
37) 1,2-Dichloropropane	8.99	63	168588	4.821	ug/L	99
38) Bromodichloromethane	9.28	83	201376	4.983	ug/L #	96
39) cis-1,3-Dichloropropene	9.72	75	196635	5.180	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	568555	55.484	ug/L	99
42) Toluene	10.03	91	873730	5.343	ug/L	95
44) trans-1,3-Dichloropropene	10.26	75	144424	5.216	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	69752	4.931	ug/L	92
47) Tetrachloroethene	10.51	164	149530	4.916	ug/L	94
48) 2-Hexanone	10.63	43	401246	58.870	ug/L	97
49) Dibromochloromethane	10.79	129	92637	4.999	ug/L	98
50) 1,2-Dibromoethane	10.88	107	60628	4.983	ug/L	92
51) Chlorobenzene	11.32	112	450508	4.909	ug/L	100
52) Ethylbenzene	11.39	91	1016883	5.398	ug/L	99
53) m,p-Xylene	11.50	106	356444	5.279	ug/L	96
54) o-Xylene	11.83	106	328692	5.540	ug/L	99
55) Styrene	11.84	104	516510	5.515	ug/L	95
56) Isopropylbenzene	12.13	105	952250	5.655	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	67764	4.933	ug/L	97
59) 1,2,3-Trichloropropane	12.43	75	51403	4.878	ug/L	98
61) Bromoform	12.01	173	36866	5.144	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	257289	4.998	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	284970	4.931	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	221277	5.182	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	7409	4.514	ug/L	89
67) 1,3,5-Trichlorobenzene	14.29	180	161965	4.815	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	86928	4.651	ug/L	95
69) Naphthalene	15.00	128	81811	4.654	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	66192	5.109	ug/L	96

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

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