

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026552.D
 Acq On : 10 Apr 2019 12:20
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00568

Quant Time: Apr 11 03:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 03:05:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	618133	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	511235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	205435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	176581	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	2.63	69	164380	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	3.60	63	557000	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	6.59	46	201753	48.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.36%
24) Chloroform-d	7.20	84	407071	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.89	65	166160	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	7.85	84	746439	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.89	67	194140	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	9.97	98	717010	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	10.24	79	45711	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	170504	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79357	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	140272	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	286473	4.522	ug/L 100
3) Chloromethane	2.01	50	321251	4.808	ug/L 99
5) Vinyl chloride	2.16	62	328523	5.003	ug/L 99
6) Bromomethane	2.52	94	192682	5.019	ug/L 91
8) Chloroethane	2.66	64	190133	5.107	ug/L 97
9) Trichlorofluoromethane	2.93	101	504425	5.549	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	252019	5.025	ug/L 98
12) 1,1-Dichloroethene	3.62	96	279400	5.097	ug/L 92
13) Acetone	3.69	43	223671	52.858	ug/L 97
14) Carbon disulfide	3.92	76	796350	5.005	ug/L 97
15) Methyl Acetate	4.19	43	54904	4.809	ug/L 96
16) Methylene chloride	4.40	84	230930	4.738	ug/L 92
17) Methyl tert-butyl Ether	4.89	73	248731	3.989	ug/L 99
18) trans-1,2-Dichloroethene	4.88	96	255432	4.938	ug/L 92
19) 1,1-Dichloroethane	5.69	63	451109	4.694	ug/L 99
21) 2-Butanone	6.68	43	276810	50.879	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	227503	5.288	ug/L # 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.05	128	66707	4.976	ug/L #	82
25) Chloroform	7.23	83	452205	4.918	ug/L	99
27) 1,2-Dichloroethane	7.99	62	220205	4.802	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	395412	4.686	ug/L	97
30) Cyclohexane	7.51	56	414379	5.285	ug/L	97
31) Carbon tetrachloride	7.63	117	391959	4.903	ug/L	99
33) Benzene	7.90	78	1009471	5.053	ug/L	100
34) Trichloroethene	8.71	95	262151	4.898	ug/L	97
35) Methylcyclohexane	8.95	83	415028	5.438	ug/L	95
37) 1,2-Dichloropropane	8.99	63	208796	4.769	ug/L	100
38) Bromodichloromethane	9.28	83	246355	4.869	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	242423	5.101	ug/L	96
40) 4-Methyl-2-pentanone	9.86	43	706264	55.050	ug/L	100
42) Toluene	10.03	91	1096716	5.356	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	163973	4.730	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	91914	5.190	ug/L	93
47) Tetrachloroethene	10.51	164	192051	5.043	ug/L	97
48) 2-Hexanone	10.63	43	476154	55.798	ug/L	99
49) Dibromochloromethane	10.79	129	111896	4.823	ug/L	91
50) 1,2-Dibromoethane	10.88	107	77005	5.055	ug/L #	93
51) Chlorobenzene	11.32	112	583697	5.080	ug/L	96
52) Ethylbenzene	11.39	91	1276886	5.413	ug/L	99
53) m,p-Xylene	11.50	106	467807	5.534	ug/L	93
54) o-Xylene	11.83	106	405363	5.457	ug/L	99
55) Styrene	11.84	104	646194	5.510	ug/L	100
56) Isopropylbenzene	12.13	105	1199865	5.691	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	84422	4.909	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	64686	4.903	ug/L	98
61) Bromoform	12.01	173	40480	4.416	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	326569	4.959	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	358746	4.853	ug/L	97
65) 1,2-Dichlorobenzene	13.53	146	272534	4.990	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	8894	4.236	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.29	180	206378	4.797	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	112087	4.688	ug/L	99
69) Naphthalene	15.00	128	98367	4.374	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	85540	5.162	ug/L	94

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

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