

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026474.D
 Acq On : 6 Apr 2019 13:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00599

Quant Time: Apr 06 23:23:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 05:54:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	515407	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	429962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	171756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	182948	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	2.62	69	158250	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.61	63	520081	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	6.58	46	158128	45.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	7.20	84	353308	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	7.89	65	145861	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.85	84	671105	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.89	67	169489	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	626682	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	10.23	79	41315	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	141295	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63720	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	122269	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	242811	4.597 ug/L	99
3) Chloromethane	2.01	50	277639	4.983 ug/L	96
5) Vinyl chloride	2.15	62	274425	5.012 ug/L	97
6) Bromomethane	2.52	94	163777	5.116 ug/L	97
8) Chloroethane	2.65	64	161373	5.199 ug/L	98
9) Trichlorofluoromethane	2.94	101	412391	5.441 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	211962	5.069 ug/L	99
12) 1,1-Dichloroethene	3.63	96	231809	5.072 ug/L	92
13) Acetone	3.69	43	159493	45.204 ug/L	99
14) Carbon disulfide	3.92	76	675877	5.094 ug/L	99
15) Methyl Acetate	4.19	43	47469	4.986 ug/L	99
16) Methylene chloride	4.40	84	193411	4.759 ug/L	99
17) Methyl tert-butyl Ether	4.89	73	231663	4.456 ug/L	100
18) trans-1,2-Dichloroethene	4.88	96	212924	4.937 ug/L	88
19) 1,1-Dichloroethane	5.69	63	395112	4.930 ug/L	97
21) 2-Butanone	6.68	43	246479	54.333 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	191986	5.352 ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	55710	4.984	ug/L	96
25) Chloroform	7.23	83	381137	4.971	ug/L	99
27) 1,2-Dichloroethane	7.99	62	190931	4.993	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	340681	4.801	ug/L	97
30) Cyclohexane	7.51	56	356954	5.414	ug/L	99
31) Carbon tetrachloride	7.63	117	331201	4.926	ug/L	100
33) Benzene	7.90	78	876776	5.218	ug/L	100
34) Trichloroethene	8.71	95	219625	4.880	ug/L	98
35) Methylcyclohexane	8.95	83	339427	5.288	ug/L	99
37) 1,2-Dichloropropane	8.99	63	185164	5.029	ug/L	99
38) Bromodichloromethane	9.28	83	215435	5.063	ug/L	96
39) cis-1,3-Dichloropropene	9.72	75	214852	5.375	ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	628637	58.261	ug/L	98
42) Toluene	10.03	91	935863	5.435	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	152755	5.239	ug/L	97
45) 1,1,2-Trichloroethane	10.44	97	76488	5.135	ug/L	95
47) Tetrachloroethene	10.51	164	155324	4.849	ug/L	98
48) 2-Hexanone	10.63	43	424103	59.093	ug/L	98
49) Dibromochloromethane	10.78	129	96259	4.933	ug/L	93
50) 1,2-Dibromoethane	10.88	107	65548	5.116	ug/L #	94
51) Chlorobenzene	11.32	112	483524	5.004	ug/L	99
52) Ethylbenzene	11.39	91	1083645	5.463	ug/L	100
53) m,p-Xylene	11.50	106	381138	5.361	ug/L	96
54) o-Xylene	11.83	106	344023	5.507	ug/L	96
55) Styrene	11.84	104	547796	5.554	ug/L	96
56) Isopropylbenzene	12.13	105	1020160	5.753	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	74960	5.182	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	57372	5.171	ug/L	98
61) Bromoform	12.01	173	36373	4.746	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	276627	5.025	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	303987	4.919	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	234618	5.138	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	8171	4.655	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.29	180	181886	5.057	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	96948	4.850	ug/L	97
69) Naphthalene	15.00	128	93039	4.949	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	74960	5.410	ug/L	99

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

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