

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011999.D
 Acq On : 24 Jul 2019 06:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Jul 24 07:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 24 07:47:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	137258	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127787	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33505	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.59	69	27570	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.14	63	73301	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.94	46	108112	51.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.70%
24) Chloroform-d	4.40	84	91371	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	52074	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	190794	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	53358	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	179916	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.66	79	21787	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.13	63	91379	54.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38643	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	70369	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65640	4.627 ug/L	99
3) Chloromethane	1.25	50	39175	4.759 ug/L	97
5) Vinyl chloride	1.32	62	39925	4.736 ug/L	97
6) Bromomethane	1.54	94	22154	4.469 ug/L	100
8) Chloroethane	1.60	64	22491	4.510 ug/L	97
9) Trichlorofluoromethane	1.77	101	78820	5.073 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32282	4.622 ug/L	100
12) 1,1-Dichloroethene	2.14	96	30854	4.939 ug/L	94
13) Acetone	2.20	43	47537	42.291 ug/L	99
14) Carbon disulfide	2.32	76	81598	4.583 ug/L	100
15) Methyl Acetate	2.47	43	9968	4.062 ug/L	97
16) Methylene chloride	2.54	84	30718	4.385 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	102891	4.827 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	45578	4.685 ug/L	97
19) 1,1-Dichloroethane	3.23	63	83335	4.850 ug/L	98
21) 2-Butanone	4.03	43	100396	46.559 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	50787	4.858 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21618	5.029	ug/L	91
25) Chloroform	4.43	83	100797	4.857	ug/L	98
27) 1,2-Dichloroethane	5.18	62	56331	4.882	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	83044	5.077	ug/L	100
30) Cyclohexane	4.73	56	70448	4.559	ug/L	96
31) Carbon tetrachloride	4.88	117	74295	5.046	ug/L	100
33) Benzene	5.15	78	182688	4.860	ug/L	100
34) Trichloroethene	5.96	95	52977	5.075	ug/L	98
35) Methylcyclohexane	6.18	83	76685	4.720	ug/L	97
37) 1,2-Dichloropropane	6.22	63	43525	4.816	ug/L	99
38) Bromodichloromethane	6.56	83	59022	4.888	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	63534	4.743	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	245678	48.657	ug/L	98
42) Toluene	7.43	91	203254	5.038	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	48905	4.590	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	30620	4.906	ug/L	96
47) Tetrachloroethene	8.02	164	43362	4.814	ug/L	96
48) 2-Hexanone	8.18	43	176513	49.834	ug/L	98
49) Dibromochloromethane	8.29	129	38975	5.100	ug/L	94
50) 1,2-Dibromoethane	8.40	107	29943	5.081	ug/L	92
51) Chlorobenzene	8.92	112	133119	5.039	ug/L	98
52) Ethylbenzene	9.05	91	228608	4.964	ug/L	99
53) m,p-xylene	9.18	106	89495	5.105	ug/L	97
54) o-xylene	9.59	106	85152	5.123	ug/L	97
55) Styrene	9.60	104	143229	5.113	ug/L	98
56) Isopropylbenzene	9.97	105	225765	4.864	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	33628	4.971	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	26311	4.992	ug/L	99
61) Bromoform	9.77	173	20458	4.897	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	108323	4.866	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	109997	4.800	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	101766	4.966	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	5406	4.541	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	86155	4.628	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	71474	4.727	ug/L	98
69) Naphthalene	13.55	128	107068	4.696	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	65938	4.807	ug/L	100

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

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