

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012001.D
 Acq On : 24 Jul 2019 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jul 25 04:10:47 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	5.66	114	160977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	82630	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34066	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.59	69	29209	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	75964	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.96	46	117548	48.07	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.40	84	96151	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	54058	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	197108	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	56493	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	187717	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	23016	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.14	63	95485	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41135	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	72378	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79507	4.778	ug/L 99
3) Chloromethane	1.25	50	42792	4.432	ug/L 98
5) Vinyl chloride	1.32	62	46094	4.663	ug/L 97
6) Bromomethane	1.54	94	27781	4.778	ug/L 97
8) Chloroethane	1.60	64	26426	4.518	ug/L 96
9) Trichlorofluoromethane	1.77	101	89502	4.912	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	39565	4.830	ug/L 99
12) 1,1-Dichloroethene	2.14	96	35445	4.838	ug/L 95
13) Acetone	2.23	43	59471	45.112	ug/L 100
14) Carbon disulfide	2.32	76	95624	4.579	ug/L 99
15) Methyl Acetate	2.47	43	10642	3.698	ug/L 98
16) Methylene chloride	2.54	84	34353	4.182	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	120210	4.808	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	52990	4.644	ug/L 98
19) 1,1-Dichloroethane	3.23	63	96489	4.788	ug/L 96
21) 2-Butanone	4.05	43	118991	47.052	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	56884	4.639	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24232	4.807	ug/L	98
25) Chloroform	4.43	83	115825	4.759	ug/L	99
27) 1,2-Dichloroethane	5.18	62	66075	4.883	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	98160	5.102	ug/L	99
30) Cyclohexane	4.72	56	83323	4.584	ug/L	98
31) Carbon tetrachloride	4.87	117	86151	4.974	ug/L	97
33) Benzene	5.14	78	215331	4.870	ug/L	100
34) Trichloroethene	5.96	95	59864	4.875	ug/L	97
35) Methylcyclohexane	6.17	83	95374	4.990	ug/L	97
37) 1,2-Dichloropropane	6.22	63	50005	4.704	ug/L	99
38) Bromodichloromethane	6.55	83	70422	4.958	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	77223	4.901	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	299073	50.354	ug/L	100
42) Toluene	7.43	91	239357	5.043	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	63009	5.028	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	36077	4.914	ug/L	98
47) Tetrachloroethene	8.02	164	54415	5.136	ug/L	96
48) 2-Hexanone	8.19	43	213659	51.280	ug/L	99
49) Dibromochloromethane	8.29	129	44447	4.944	ug/L	96
50) 1,2-Dibromoethane	8.40	107	34293	4.947	ug/L #	99
51) Chlorobenzene	8.92	112	154205	4.962	ug/L	99
52) Ethylbenzene	9.05	91	274598	5.069	ug/L	100
53) m,p-xylene	9.18	106	106266	5.153	ug/L	97
54) o-xylene	9.59	106	98819	5.054	ug/L	100
55) Styrene	9.60	104	170523	5.175	ug/L	95
56) Isopropylbenzene	9.97	105	277691	5.086	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	39040	4.906	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	30789	4.966	ug/L	99
61) Bromoform	9.77	173	24708	4.871	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	130179	4.817	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	132698	4.769	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	121012	4.863	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6387	4.418	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	110038	4.868	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	88488	4.820	ug/L	99
69) Naphthalene	13.55	128	125797	4.545	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	80449	4.831	ug/L	100

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

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