

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011959.D
 Acq On : 22 Jul 2019 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Jul 23 07:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 07:18:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70622	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32646	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	26398	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	70275	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	105135	49.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.40	84	88127	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.08	65	47456	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	177825	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	50808	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	165431	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	20792	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.14	63	86369	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37311	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64200	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	70505	4.886	ug/L 98
3) Chloromethane	1.25	50	39659	4.736	ug/L 97
5) Vinyl chloride	1.32	62	40982	4.780	ug/L 99
6) Bromomethane	1.54	94	24981	4.954	ug/L 98
8) Chloroethane	1.60	64	24911	4.911	ug/L 99
9) Trichlorofluoromethane	1.77	101	79246	5.014	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34423	4.845	ug/L 100
12) 1,1-Dichloroethene	2.14	96	31267	4.920	ug/L 94
13) Acetone	2.23	43	52429	45.854	ug/L 100
14) Carbon disulfide	2.32	76	86258	4.763	ug/L 99
15) Methyl Acetate	2.47	43	10667	4.273	ug/L 97
16) Methylene chloride	2.53	84	31823	4.466	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	108027	4.982	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	48610	4.912	ug/L 99
19) 1,1-Dichloroethane	3.23	63	86404	4.944	ug/L 98
21) 2-Butanone	4.05	43	115407	52.615	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	50947	4.791	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21584	4.937	ug/L	90
25) Chloroform	4.43	83	103710	4.913	ug/L	96
27) 1,2-Dichloroethane	5.18	62	60138	5.124	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	86870	4.978	ug/L	99
30) Cyclohexane	4.72	56	78261	4.747	ug/L	99
31) Carbon tetrachloride	4.87	117	77134	4.910	ug/L	100
33) Benzene	5.15	78	196944	4.911	ug/L	100
34) Trichloroethene	5.96	95	52634	4.726	ug/L	99
35) Methylcyclohexane	6.18	83	83635	4.825	ug/L	98
37) 1,2-Dichloropropane	6.22	63	46258	4.798	ug/L	98
38) Bromodichloromethane	6.56	83	60701	4.712	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	70402	4.926	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	272349	50.555	ug/L	100
42) Toluene	7.43	91	214666	4.987	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	54989	4.838	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	33121	4.974	ug/L	97
47) Tetrachloroethene	8.02	164	46295	4.817	ug/L	97
48) 2-Hexanone	8.19	43	194789	51.543	ug/L	98
49) Dibromochloromethane	8.29	129	40862	5.011	ug/L	98
50) 1,2-Dibromoethane	8.40	107	31190	4.961	ug/L	98
51) Chlorobenzene	8.93	112	138534	4.915	ug/L	99
52) Ethylbenzene	9.05	91	240297	4.890	ug/L	100
53) m,p-xylene	9.18	106	92774	4.960	ug/L	99
54) o-xylene	9.59	106	88279	4.978	ug/L	97
55) Styrene	9.60	104	151666	5.075	ug/L	98
56) Isopropylbenzene	9.97	105	242620	4.899	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	35882	4.972	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	28163	5.008	ug/L	100
61) Bromoform	9.77	173	21879	5.047	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	112407	4.866	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	113359	4.767	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	105629	4.967	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6058	4.903	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	92838	4.805	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	76671	4.887	ug/L	100
69) Naphthalene	13.55	128	112794	4.768	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	69852	4.907	ug/L	99

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

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