

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008093.D
 Acq On : 05 Oct 2018 12:43
 Operator : SY/MD
 Sample : VSTD02073
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02073

Quant Time: Oct 06 00:13:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106660	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128631	22.06	ug/L	0.00
7) Chloroethane-d5	1.58	69	97293	19.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	250393	19.41	ug/L	0.00
20) 2-Butanone-d5	3.96	46	336476	196.38	ug/L	0.00
24) Chloroform-d	4.41	84	276138	20.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	134079	18.86	ug/L	0.00
32) Benzene-d6	5.10	84	545299	22.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	165035	21.09	ug/L	0.00
41) Toluene-d8	7.36	98	547042	21.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	66025	21.98	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	286790	220.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	122493	20.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	218181	19.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	144266	16.646	ug/L 98
3) Chloromethane	1.25	50	118684	15.658	ug/L 99
5) Vinyl chloride	1.33	62	135391	16.548	ug/L 99
6) Bromomethane	1.54	94	64086	13.275	ug/L 98
8) Chloroethane	1.60	64	75409	15.092	ug/L 97
9) Trichlorofluoromethane	1.77	101	223202	16.606	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	131776	17.119	ug/L 99
12) 1,1-Dichloroethene	2.15	96	112847	16.529	ug/L 95
13) Acetone	2.21	43	187310	153.799	ug/L 100
14) Carbon disulfide	2.32	76	285795	15.565	ug/L 98
15) Methyl Acetate	2.47	43	48663	15.424	ug/L 99
16) Methylene chloride	2.54	84	119137	15.569	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	283637	16.701	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	121497	16.146	ug/L 97
19) 1,1-Dichloroethane	3.23	63	235140	18.120	ug/L 100
21) 2-Butanone	4.04	43	344014	175.743	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	147862	19.107	ug/L 98
23) Bromochloromethane	4.30	128	65354	19.132	ug/L 98
25) Chloroform	4.43	83	256557	18.176	ug/L 97
27) 1,2-Dichloroethane	5.19	62	149251	16.729	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	230372	18.976	ug/L 99
30) Cyclohexane	4.73	56	202141	18.126	ug/L 99
31) Carbon tetrachloride	4.88	117	208204	19.419	ug/L 100
33) Benzene	5.15	78	540454	18.791	ug/L 100
34) Trichloroethene	5.96	95	147207	17.935	ug/L 99
35) Methylcyclohexane	6.18	83	228501	18.810	ug/L 97
37) 1,2-Dichloropropane	6.23	63	141148	19.015	ug/L 99
38) Bromodichloromethane	6.56	83	179398	20.205	ug/L 96
39) cis-1,3-Dichloropropene	7.07	75	205980	20.864	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	843325	182.971	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	601785	19.225	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	171359	20.963	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	100124	18.613	ug/L	98
47) Tetrachloroethene	8.02	164	137032	18.062	ug/L	98
48) 2-Hexanone	8.19	43	597141	186.326	ug/L	97
49) Dibromochloromethane	8.30	129	131809	21.348	ug/L	100
50) 1,2-Dibromoethane	8.40	107	93713	19.248	ug/L	99
51) Chlorobenzene	8.93	112	404529	18.666	ug/L	99
52) Ethylbenzene	9.06	91	679897	19.584	ug/L	100
53) m,p-xylene	9.18	106	262196	19.761	ug/L	98
54) o-xylene	9.59	106	256710	20.114	ug/L	98
55) Styrene	9.61	104	448183	20.512	ug/L	100
56) Isopropylbenzene	9.98	105	699724	20.244	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	118829	18.945	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	82996	18.094	ug/L	96
61) Bromoform	9.78	173	76276	21.456	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	352712	18.747	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	358702	18.305	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	334352	18.754	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	17484	19.087	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	305308	18.922	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	251259	18.627	ug/L	100
69) Naphthalene	13.56	128	358549	19.445	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	230694	18.860	ug/L	99

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

