

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082819\
 Data File : VV012433.D
 Acq On : 28 Aug 2019 20:58
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Aug 29 01:59:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 29 01:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	226580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	222489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	110284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9899	1.05	ug/L	0.00
7) Chloroethane-d5	1.58	69	10153	1.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	64009	3.42	ug/L	0.00
20) 2-Butanone-d5	3.96	46	180374	57.11	ug/L	0.00
24) Chloroform-d	4.40	84	105189	4.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	42057	3.57	ug/L	0.00
32) Benzene-d6	5.10	84	124606	2.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	58165	3.76	ug/L	0.00
41) Toluene-d8	7.36	98	130248	2.99	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	22528	3.83	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	137098	65.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62435	5.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	80652	4.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	164591	7.494	ug/L 100
3) Chloromethane	1.25	50	130746	7.622	ug/L 100
5) Vinyl chloride	1.32	62	121962	7.453	ug/L 100
6) Bromomethane	1.54	94	64082	8.108	ug/L 100
8) Chloroethane	1.60	64	64266	7.688	ug/L 100
9) Trichlorofluoromethane	1.77	101	172734	7.815	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	81543	7.234	ug/L 100
12) 1,1-Dichloroethene	2.14	96	79481	7.667	ug/L 100
13) Acetone	2.23	43	121669	79.468	ug/L 100
14) Carbon disulfide	2.32	76	238538	7.363	ug/L 100
15) Methyl Acetate	2.47	43	27708	7.285	ug/L 100
16) Methylene chloride	2.53	84	80326	7.039	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	236640	7.596	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	110164	7.293	ug/L 100
19) 1,1-Dichloroethane	3.23	63	215556	7.544	ug/L 100
21) 2-Butanone	4.05	43	276320	77.768	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	117893	7.156	ug/L 100
23) Bromochloromethane	4.30	128	51512	7.411	ug/L 100
25) Chloroform	4.42	83	218891	6.974	ug/L 100
27) 1,2-Dichloroethane	5.18	62	128253	7.590	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	183068	7.339	ug/L 100
30) Cyclohexane	4.72	56	192501	7.428	ug/L 100
31) Carbon tetrachloride	4.87	117	162137	7.352	ug/L 100
33) Benzene	5.14	78	470796	7.405	ug/L 100
34) Trichloroethene	5.96	95	118919	7.022	ug/L 100
35) Methylcyclohexane	6.17	83	191716	7.132	ug/L 100
37) 1,2-Dichloropropane	6.22	63	120606	7.444	ug/L 100
38) Bromodichloromethane	6.55	83	149445	7.456	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	158543	7.257	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	710166	79.770	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	496684	7.600	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	120090	7.346	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	78189	7.447	ug/L	100
47) Tetrachloroethene	8.02	164	98336	7.161	ug/L	100
48) 2-Hexanone	8.19	43	504047	79.109	ug/L	100
49) Dibromochloromethane	8.29	129	95014	7.523	ug/L	100
50) 1,2-Dibromoethane	8.40	107	70335	7.179	ug/L	100
51) Chlorobenzene	8.92	112	307726	7.250	ug/L	100
52) Ethylbenzene	9.05	91	535582	7.586	ug/L	100
53) m,p-xylene	9.18	106	205694	7.722	ug/L	100
54) o-xylene	9.59	106	196651	7.758	ug/L	100
55) Styrene	9.60	104	339095	7.969	ug/L	100
56) Isopropylbenzene	9.97	105	517500	7.676	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	95131	8.129	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	67650	7.525	ug/L	100
61) Bromoform	9.78	173	51249	7.161	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	241329	7.208	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	237698	7.098	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	221843	7.201	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	14217	7.727	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	185045	7.202	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	143311	7.789	ug/L	100
69) Naphthalene	13.55	128	217794	8.212	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	137954	7.961	ug/L	100

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

