

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030419\
 Data File : VV009468.D
 Acq On : 04 Mar 2019 13:10
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Mar 05 03:49:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 05 03:46:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33141	6.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	27891	5.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	82667	6.29	ug/L	0.00
20) 2-Butanone-d5	3.98	46	63552	65.12	ug/L	0.00
24) Chloroform-d	4.40	84	59021	5.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	29597	6.03	ug/L	0.00
32) Benzene-d6	5.10	84	118942	5.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	34884	5.73	ug/L	0.00
41) Toluene-d8	7.36	98	118385	5.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	14759	5.50	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	49574	57.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26476	5.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	41170	5.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	30649	5.246	ug/L 100
3) Chloromethane	1.25	50	33711	5.429	ug/L 100
5) Vinyl chloride	1.32	62	38348	5.597	ug/L 100
6) Bromomethane	1.54	94	23906	5.164	ug/L 100
8) Chloroethane	1.60	64	24885	5.482	ug/L 100
9) Trichlorofluoromethane	1.77	101	79865	5.517	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41699	5.840	ug/L 100
12) 1,1-Dichloroethene	2.14	96	35850	5.676	ug/L 100
13) Acetone	2.23	43	53291	58.219	ug/L 100
14) Carbon disulfide	2.32	76	118062	5.705	ug/L 100
15) Methyl Acetate	2.48	43	13883	5.846	ug/L 100
16) Methylene chloride	2.54	84	37845	5.392	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	91912	5.681	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	39623	5.748	ug/L 100
19) 1,1-Dichloroethane	3.23	63	52411	5.768	ug/L 100
21) 2-Butanone	4.07	43	63500	55.530	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	35122	5.479	ug/L 100
23) Bromochloromethane	4.30	128	13939	5.439	ug/L 100
25) Chloroform	4.43	83	59787	5.401	ug/L 100
27) 1,2-Dichloroethane	5.18	62	37031	5.678	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	56275	5.392	ug/L 100
30) Cyclohexane	4.72	56	53585	5.322	ug/L 100
31) Carbon tetrachloride	4.87	117	45577	5.287	ug/L 100
33) Benzene	5.15	78	130313	5.445	ug/L 100
34) Trichloroethene	5.96	95	36871	5.393	ug/L 100
35) Methylcyclohexane	6.17	83	59145	5.241	ug/L 100
37) 1,2-Dichloropropane	6.22	63	30688	5.218	ug/L 100
38) Bromodichloromethane	6.56	83	44467	5.460	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	49595	5.341	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	172854	54.299	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	149247	5.412	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	38608	5.341	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	22446	5.304	ug/L	100
47) Tetrachloroethene	8.02	164	28193	5.264	ug/L	100
48) 2-Hexanone	8.19	43	122337	57.260	ug/L	100
49) Dibromochloromethane	8.29	129	29444	5.329	ug/L	100
50) 1,2-Dibromoethane	8.40	107	22555	5.585	ug/L	100
51) Chlorobenzene	8.93	112	97999	5.455	ug/L	100
52) Ethylbenzene	9.06	91	169985	5.411	ug/L	100
53) m,p-xylene	9.18	106	66410	5.411	ug/L	100
54) o-xylene	9.59	106	63624	5.364	ug/L	100
55) Styrene	9.61	104	103699	5.370	ug/L	100
56) Isopropylbenzene	9.98	105	172808	5.439	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	27231	5.372	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	19010	5.477	ug/L	100
61) Bromoform	9.78	173	14143	5.036	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	75270	5.290	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	75471	5.380	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	69258	5.367	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4606	5.634	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	55254	5.433	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	43986	5.683	ug/L	100
69) Naphthalene	13.55	128	71736	5.533	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	40057	5.650	ug/L	100

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

