

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026432.D
 Acq On : 3 Apr 2019 16:31
 Operator : SY/MD
 Sample : VSTD00584
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00584

Quant Time: Apr 04 04:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 04 04:39:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	593628	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	188742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	223683	3.96	ug/L	0.00
7) Chloroethane-d5	2.62	69	191937	4.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	582920	4.34	ug/L	0.00
20) 2-Butanone-d5	6.59	46	205277	47.91	ug/L	0.00
24) Chloroform-d	7.20	84	440371	4.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	179256	4.62	ug/L	0.00
32) Benzene-d6	7.85	84	825788	4.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	203403	4.47	ug/L	0.00
41) Toluene-d8	9.97	98	777702	4.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	53168	4.43	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	163729	53.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77616	4.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	144963	4.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	296477	5.675	ug/L 100
3) Chloromethane	2.01	50	306162	4.850	ug/L 100
5) Vinyl chloride	2.16	62	296510	4.827	ug/L 100
6) Bromomethane	2.52	94	175456	4.958	ug/L 100
8) Chloroethane	2.65	64	166302	4.555	ug/L 100
9) Trichlorofluoromethane	2.94	101	439699	5.410	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	232528	4.974	ug/L 100
12) 1,1-Dichloroethene	3.63	96	251378	4.867	ug/L 100
13) Acetone	3.69	43	183564	47.542	ug/L 100
14) Carbon disulfide	3.93	76	756719	4.653	ug/L 100
15) Methyl Acetate	4.20	43	48619	4.534	ug/L 100
16) Methylene chloride	4.40	84	204211	4.500	ug/L 100
17) Methyl tert-butyl Ether	4.89	73	282741	5.576	ug/L 100
18) trans-1,2-Dichloroethene	4.89	96	240725	5.054	ug/L 100
19) 1,1-Dichloroethane	5.69	63	443237	5.049	ug/L 100
21) 2-Butanone	6.69	43	257576	53.100	ug/L 100
22) cis-1,2-Dichloroethene	6.67	96	209839	5.274	ug/L 100
23) Bromochloromethane	7.05	128	59996	4.836	ug/L 100
25) Chloroform	7.23	83	425797	5.066	ug/L 100
27) 1,2-Dichloroethane	7.99	62	208975	5.200	ug/L 100
29) 1,1,1-Trichloroethane	7.43	97	401857	5.616	ug/L 100
30) Cyclohexane	7.52	56	423392	6.242	ug/L 100
31) Carbon tetrachloride	7.63	117	376848	5.659	ug/L 100
33) Benzene	7.90	78	969251	5.234	ug/L 100
34) Trichloroethene	8.71	95	248650	5.304	ug/L 100
35) Methylcyclohexane	8.96	83	396433	5.919	ug/L 100
37) 1,2-Dichloropropane	8.99	63	203476	5.179	ug/L 100
38) Bromodichloromethane	9.28	83	229898	5.088	ug/L 100
39) cis-1,3-Dichloropropene	9.72	75	245636	5.660	ug/L 100
40) 4-Methyl-2-pentanone	9.86	43	640328	58.789	ug/L 100

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42) Toluene	10.03	91	1020695	5.472	ug/L	100
44) trans-1,3-Dichloropropene	10.26	75	168412	5.375	ug/L	100
45) 1,1,2-Trichloroethane	10.45	97	80210	4.948	ug/L	100
47) Tetrachloroethene	10.51	164	173844	5.145	ug/L	100
48) 2-Hexanone	10.63	43	429033	57.075	ug/L	100
49) Dibromochloromethane	10.78	129	104102	5.150	ug/L	100
50) 1,2-Dibromoethane	10.89	107	70629	5.471	ug/L	100
51) Chlorobenzene	11.32	112	522842	5.141	ug/L	100
52) Ethylbenzene	11.39	91	1185925	5.649	ug/L	100
53) m,p-Xylene	11.50	106	415138	5.585	ug/L	100
54) o-Xylene	11.83	106	379161	5.796	ug/L	100
55) Styrene	11.84	104	594321	5.737	ug/L	100
56) Isopropylbenzene	12.13	105	1112995	5.981	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.38	83	77474	5.228	ug/L	100
59) 1,2,3-Trichloropropane	12.43	75	61398	5.559	ug/L	100
61) Bromoform	12.01	173	38889	4.459	ug/L	100
62) 1,3-Dichlorobenzene	13.16	146	311625	5.333	ug/L	100
63) 1,4-Dichlorobenzene	13.24	146	326433	5.087	ug/L	100
65) 1,2-Dichlorobenzene	13.53	146	251467	5.240	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.14	75	8411	4.717	ug/L	100
67) 1,3,5-Trichlorobenzene	14.29	180	193178	5.336	ug/L	100
68) 1,2,4-trichlorobenzene	14.79	180	109167	5.256	ug/L	100
69) Naphthalene	15.00	128	103381	5.359	ug/L	100
70) 1,2,3-Trichlorobenzene	15.18	180	77966	5.347	ug/L	100

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

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