

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122818\
 Data File : VU028968.D
 Acq On : 27 Dec 2018 16:27
 Operator : MD/SY
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00543

Quant Time: Dec 28 02:09:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 28 02:05:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	139537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	128942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64057	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35722	4.78	ug/L	0.00
7) Chloroethane-d5	1.68	69	30894	4.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	72140	4.56	ug/L	0.00
20) 2-Butanone-d5	4.19	46	96342	49.36	ug/L	0.00
24) Chloroform-d	4.65	84	69229	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	34634	4.68	ug/L	0.00
32) Benzene-d6	5.34	84	144384	4.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	46719	4.85	ug/L	0.00
41) Toluene-d8	7.56	98	132611	4.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	17220	4.75	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	82126	49.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37072	4.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	50545	4.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	55444	4.537	ug/L 100
3) Chloromethane	1.33	50	61432	4.505	ug/L 100
5) Vinyl chloride	1.40	62	64610	4.637	ug/L 100
6) Bromomethane	1.63	94	28766	4.460	ug/L 100
8) Chloroethane	1.70	64	36159	4.548	ug/L 100
9) Trichlorofluoromethane	1.89	101	73799	4.632	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46962	4.567	ug/L 100
12) 1,1-Dichloroethene	2.29	96	45892	4.590	ug/L 100
13) Acetone	2.32	43	71667	45.491	ug/L 100
14) Carbon disulfide	2.48	76	160278	4.588	ug/L 100
15) Methyl Acetate	2.62	43	19995	4.332	ug/L 100
16) Methylene chloride	2.70	84	53971	3.771	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	114628	4.670	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	50529	4.604	ug/L 100
19) 1,1-Dichloroethane	3.44	63	87152	4.677	ug/L 100
21) 2-Butanone	4.28	43	111240	47.196	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	52639	4.636	ug/L 100
23) Bromochloromethane	4.55	128	21623	4.693	ug/L 100
25) Chloroform	4.67	83	80765	4.562	ug/L 100
27) 1,2-Dichloroethane	5.40	62	48148	4.597	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	67293	4.752	ug/L 100
30) Cyclohexane	4.99	56	79795	4.703	ug/L 100
31) Carbon tetrachloride	5.13	117	53486	4.743	ug/L 100
33) Benzene	5.39	78	195471	4.741	ug/L 100
34) Trichloroethene	6.18	95	49744	4.719	ug/L 100
35) Methylcyclohexane	6.41	83	83583	4.616	ug/L 100
37) 1,2-Dichloropropane	6.43	63	50275	4.786	ug/L 100
38) Bromodichloromethane	6.76	83	55681	4.708	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	71278	4.733	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	267577	47.874	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	206582	4.681	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	56412	4.806	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	34140	4.776	ug/L	100
47) Tetrachloroethene	8.22	164	39986	4.580	ug/L	100
48) 2-Hexanone	8.36	43	188628	48.789	ug/L	100
49) Dibromochloromethane	8.48	129	36264	4.778	ug/L	100
50) 1,2-Dibromoethane	8.58	107	32332	4.835	ug/L	100
51) Chlorobenzene	9.12	112	130986	4.732	ug/L	100
52) Ethylbenzene	9.25	91	218967	4.677	ug/L	100
53) m,p-xylene	9.37	106	85695	4.810	ug/L	100
54) o-xylene	9.78	106	82695	4.781	ug/L	100
55) Styrene	9.79	104	137538	4.778	ug/L	100
56) Isopropylbenzene	10.16	105	215138	4.716	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	42508	4.858	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	29408	4.802	ug/L	100
61) Bromoform	9.96	173	21291	4.871	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	101229	4.675	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	101259	4.583	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	95371	4.654	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	5714	4.723	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	79987	4.774	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	67600	4.841	ug/L	100
69) Naphthalene	13.74	128	118769	4.973	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	62477	4.691	ug/L	100

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

