

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008580.D
 Acq On : 16 Nov 2018 14:47
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Manual Integrations
 APPROVED

MMDadoda
 11/17/2018 10:00:11 AM

Quant Time: Nov 17 04:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 04:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3296	0.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	2966	0.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	7228	0.49	ug/L	0.00
20) 2-Butanone-d5	3.99	46	10703m	4.21	ug/L	0.02
24) Chloroform-d	4.40	84	9243	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4373	0.44	ug/L	0.00
32) Benzene-d6	5.10	84	17100	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5779	0.51	ug/L	0.00
41) Toluene-d8	7.36	98	16365	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1998	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	8715	4.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3836	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5621	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6318	0.477 ug/L	100
3) Chloromethane	1.25	50	5645	0.520 ug/L	96
5) Vinyl chloride	1.32	62	4802	0.467 ug/L	93
6) Bromomethane	1.54	94	3432	0.548 ug/L	95
8) Chloroethane	1.60	64	3007	0.546 ug/L	99
9) Trichlorofluoromethane	1.77	101	6899	0.531 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3788	0.483 ug/L	92
12) 1,1-Dichloroethene	2.14	96	3633	0.523 ug/L	91
13) Acetone	2.23	43	6414m	4.830 ug/L	
14) Carbon disulfide	2.32	76	12034	0.525 ug/L #	91
15) Methyl Acetate	2.48	43	1410	0.426 ug/L #	90
16) Methylene chloride	2.54	84	5486	0.703 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	9648	0.522 ug/L #	93
18) trans-1,2-Dichloroethene	2.79	96	4024	0.511 ug/L	84
19) 1,1-Dichloroethane	3.23	63	10321	0.619 ug/L	99
21) 2-Butanone	4.08	43	14638	5.197 ug/L #	71
22) cis-1,2-Dichloroethene	3.96	96	5839	0.492 ug/L	94
23) Bromochloromethane	4.31	128	1994	0.433 ug/L #	92
25) Chloroform	4.43	83	17360	0.851 ug/L	94
27) 1,2-Dichloroethane	5.19	62	6193	0.481 ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	8672	0.515 ug/L	98
30) Cyclohexane	4.72	56	9871	0.527 ug/L	98
31) Carbon tetrachloride	4.87	117	7003	0.479 ug/L	95
33) Benzene	5.15	78	22291	0.533 ug/L	100
34) Trichloroethene	5.96	95	5918	0.530 ug/L	98
35) Methylcyclohexane	6.17	83	9859	0.535 ug/L	98
37) 1,2-Dichloropropane	6.23	63	5796	0.516 ug/L #	98
38) Bromodichloromethane	6.56	83	7780	0.591 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	7112	0.469 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	34065	5.118 ug/L	98

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42) Toluene	7.43	91	23200	0.534	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	5678	0.466	ug/L	91
45) 1,1,2-Trichloroethane	7.89	97	3627	0.515	ug/L	94
47) Tetrachloroethene	8.02	164	4337	0.536	ug/L	95
48) 2-Hexanone	8.20	43	20593	4.533	ug/L	96
49) Dibromochloromethane	8.29	129	3877	0.478	ug/L	96
50) 1,2-Dibromoethane	8.40	107	3080	0.468	ug/L #	90
51) Chlorobenzene	8.93	112	13896	0.521	ug/L	97
52) Ethylbenzene	9.06	91	25022	0.520	ug/L	97
53) m,p-xylene	9.18	106	9186	0.522	ug/L	95
54) o-xylene	9.59	106	9081	0.537	ug/L	99
55) Styrene	9.61	104	13593	0.482	ug/L	96
56) Isopropylbenzene	9.98	105	23859	0.520	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4158	0.496	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	3274	0.514	ug/L	93
61) Bromoform	9.78	173	1821	0.471	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	10308	0.528	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	9460	0.496	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	10147	0.555	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	533	0.394	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.70	180	7173	0.530	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	5252	0.497	ug/L	95
69) Naphthalene	13.56	128	8466	0.447	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	4968	0.487	ug/L	96

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

