

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110718\
 Data File : VV008549.D
 Acq On : 07 Nov 2018 13:54
 Operator : SY/MD
 Sample : VSTD0.545
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.545

Manual Integrations
 APPROVED

apatel
 11/12/2018 12:27:34 PM

Quant Time: Nov 07 14:16:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 07 13:37:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	127999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115891	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3888	0.54	ug/L	0.00
7) Chloroethane-d5	1.59	69	3135	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	7603	0.55	ug/L	0.00
20) 2-Butanone-d5	3.99	46	12217m	5.04	ug/L	0.00
24) Chloroform-d	4.41	84	8732	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4853	0.59	ug/L	0.00
32) Benzene-d6	5.10	84	17590	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5456	0.49	ug/L	0.00
41) Toluene-d8	7.36	98	15895	0.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2205	0.47	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10125	6.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	4168	0.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5764	0.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5875	0.596 ug/L	95
3) Chloromethane	1.25	50	5200	0.517 ug/L	93
5) Vinyl chloride	1.33	62	4980	0.523 ug/L	97
6) Bromomethane	1.54	94	3044	0.559 ug/L	93
8) Chloroethane	1.60	64	2536	0.512 ug/L	94
9) Trichlorofluoromethane	1.77	101	5935	0.513 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3785	0.573 ug/L	99
12) 1,1-Dichloroethene	2.14	96	3001	0.488 ug/L	93
13) Acetone	2.23	43	6679	5.088 ug/L	86
14) Carbon disulfide	2.32	76	11091	0.524 ug/L #	89
15) Methyl Acetate	2.47	43	1711	0.524 ug/L	93
16) Methylene chloride	2.54	84	3926	0.552 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	8416	0.482 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	3892	0.588 ug/L	97
19) 1,1-Dichloroethane	3.23	63	6645	0.486 ug/L	97
21) 2-Butanone	4.07	43	11659	4.277 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	5590	0.523 ug/L #	97
23) Bromochloromethane	4.30	128	2148	0.542 ug/L	88
25) Chloroform	4.43	83	8867	0.529 ug/L	95
27) 1,2-Dichloroethane	5.19	62	5970	0.599 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	7311	0.507 ug/L	98
30) Cyclohexane	4.72	56	8288	0.457 ug/L	91
31) Carbon tetrachloride	4.87	117	6625	0.546 ug/L	95
33) Benzene	5.15	78	19015	0.487 ug/L	100
34) Trichloroethene	5.96	95	5207	0.481 ug/L	94
35) Methylcyclohexane	6.18	83	8471	0.464 ug/L	96
37) 1,2-Dichloropropane	6.23	63	5139	0.488 ug/L #	94
38) Bromodichloromethane	6.56	83	6016	0.508 ug/L	89
39) cis-1,3-Dichloropropene	7.07	75	6398	0.426 ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	30172	4.675 ug/L	97

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42) Toluene	7.43	91	19646	0.483	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	4914	0.408	ug/L	90
45) 1,1,2-Trichloroethane	7.89	97	3026	0.463	ug/L	86
47) Tetrachloroethene	8.02	164	4032	0.595	ug/L	85
48) 2-Hexanone	8.19	43	19218	4.074	ug/L	97
49) Dibromochloromethane	8.30	129	3471	0.466	ug/L	96
50) 1,2-Dibromoethane	8.40	107	2843	0.464	ug/L #	89
51) Chlorobenzene	8.93	112	12075	0.499	ug/L	99
52) Ethylbenzene	9.06	91	21390	0.478	ug/L	91
53) m,p-xylene	9.18	106	7476	0.462	ug/L	90
54) o-xylene	9.59	106	7081	0.439	ug/L	89
55) Styrene	9.61	104	12119	0.467	ug/L	87
56) Isopropylbenzene	9.98	105	20009	0.471	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	3524	0.473	ug/L #	93
59) 1,2,3-Trichloropropane	10.32	75	2889	0.490	ug/L #	84
61) Bromoform	9.78	173	1716	0.475	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	9121	0.545	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	8747	0.528	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	8197	0.511	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	653	0.540	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.70	180	5920	0.547	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	4342	0.564	ug/L	95
69) Naphthalene	13.56	128	7971	0.555	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	4540	0.594	ug/L	98

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

