

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027434.D
 Acq On : 19 Aug 2022 09:50
 Operator : SY/MD
 Sample : VSTD0.513
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5213

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 05:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	127255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	4537	0.431	ug/L	0.00
7) Chloroethane-d5	1.561	69	3465	0.448	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	10971	0.543	ug/L	0.00
20) 2-Butanone-d5	3.937	46	5278m	3.073	ug/L	0.04
24) Chloroform-d	4.349	84	9075	0.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	4134	0.446	ug/L	0.00
32) Benzene-d6	5.053	84	16303	0.475	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	5270	0.503	ug/L	0.00
41) Toluene-d8	7.320	98	13182	0.420	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1543	0.424	ug/L	0.01
46) 2-Hexanone-d5	8.108	63	4474m	3.291	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3348	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	4508	0.482	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	5714	0.386	ug/L	99
3) Chloromethane	1.237	50	5300	0.366	ug/L	99
5) Vinyl chloride	1.304	62	5135	0.375	ug/L	94
6) Bromomethane	1.519	94	2539	0.394	ug/L	96
8) Chloroethane	1.581	64	2966	0.386	ug/L	97
9) Trichlorofluoromethane	1.748	101	8449	0.449	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4482	0.483	ug/L	92
12) 1,1-Dichloroethene	2.111	96	4510	0.486	ug/L #	77
13) Acetone	2.179	43	5259m	4.033	ug/L	
14) Carbon disulfide	2.288	76	11664	0.335	ug/L #	93
15) Methyl Acetate	2.433	43	1223	0.351	ug/L #	89
16) Methylene chloride	2.503	84	10958	0.758	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	8117	0.380	ug/L #	93
18) trans-1,2-Dichloroethene	2.761	96	4183	0.376	ug/L	92
19) 1,1-Dichloroethane	3.185	63	8491	0.392	ug/L	97
21) 2-Butanone	4.008	43	5311m	2.915	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	4149	0.377	ug/L	94
23) Bromochloromethane	4.249	128	1753	0.344	ug/L	94
25) Chloroform	4.375	83	9693	0.431	ug/L	90
27) 1,2-Dichloroethane	5.137	62	4394	0.345	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	8021	0.468	ug/L	96
30) Cyclohexane	4.667	56	5098	0.375	ug/L	95
31) Carbon tetrachloride	4.822	117	6572	0.442	ug/L	98
33) Benzene	5.105	78	14907	0.366	ug/L	100
34) Trichloroethene	5.915	95	4426	0.434	ug/L	96
35) Methylcyclohexane	6.130	83	5327	0.384	ug/L	98
37) 1,2-Dichloropropane	6.178	63	4149	0.411	ug/L #	95
38) Bromodichloromethane	6.510	83	5734	0.437	ug/L #	96
39) cis-1,3-Dichloropropene	7.037	75	4887	0.392	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	15705	3.073	ug/L #	90
42) Toluene	7.391	91	14250	0.350	ug/L	92
44) trans-1,3-Dichloropropene	7.664	75	3949	0.367	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	2804	0.395	ug/L	89
47) Tetrachloroethene	7.976	164	3221	0.402	ug/L	90
49) Dibromochloromethane	8.249	129	3303	0.392	ug/L	86
50) 1,2-Dibromoethane	8.358	107	2248	0.357	ug/L #	83
51) Chlorobenzene	8.883	112	10412	0.392	ug/L	92
52) Ethylbenzene	9.014	91	13986	0.343	ug/L	99
53) m,p-Xylene	9.140	106	5149	0.331	ug/L	89
54) o-Xylene	9.545	106	5380	0.352	ug/L	97
55) Styrene	9.564	104	8332	0.319	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.243	83	3241	0.408	ug/L #	97
59) Bromoform	9.731	173	1790	0.472	ug/L #	94
60) Isopropylbenzene	9.931	105	13222	0.370	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2087	0.388	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.542	105	4131	0.419	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	9878	0.351	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	7224	0.403	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	7189	0.403	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.439	75	552	0.496	ug/L #	49
69) 1,3,5-Trichlorobenzene	12.644	180	5402	0.418	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3744	0.388	ug/L	94
71) Naphthalene	13.506	128	4998	0.343	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	2915	0.328	ug/L	86

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

