

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024860.D
 Acq On : 22 Oct 2021 10:09
 Operator : JC/MD
 Sample : VSTD0.518
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5618

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:17:27 AM

Quant Time: Oct 23 03:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:02:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	77308	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	69476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	1090	0.191	ug/L	0.00
7) Chloroethane-d5	1.672	69	995	0.171	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.319	63	4428	0.391	ug/L	0.00
20) 2-Butanone-d5	4.501	46	3657m	2.835	ug/L	0.02
24) Chloroform-d	5.068	84	5067	0.420	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.970	65	3522	0.540	ug/L	0.01
32) Benzene-d6	5.977	84	8231	0.416	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	2877	0.452	ug/L	0.00
41) Toluene-d8	8.653	98	8090	0.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	1242	0.511	ug/L	0.00
46) 2-Hexanone-d5	9.391	63	3730	3.771	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	1796	0.436	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	3079	0.520	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	4187	0.478	ug/L	92
3) Chloromethane	1.288	50	1454	0.187	ug/L	91
5) Vinyl chloride	1.374	62	1697	0.194	ug/L	100
6) Bromomethane	1.618	94	1608	0.289	ug/L	78
8) Chloroethane	1.691	64	1313	0.202	ug/L #	1
9) Trichlorofluoromethane	1.886	101	5260	0.332	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	2828	0.454	ug/L	94
12) 1,1-Dichloroethene	2.325	96	2299	0.438	ug/L	93
13) Acetone	2.428	43	2944m	2.967	ug/L	
14) Carbon disulfide	2.520	76	5789	0.383	ug/L #	86
15) Methyl Acetate	2.715	43	758m	0.300	ug/L	
16) Methylene chloride	2.794	84	2589	0.376	ug/L	92
17) Methyl tert-butyl Ether	3.117	73	6103	0.425	ug/L	97
18) trans-1,2-Dichloroethene	3.093	96	2912	0.506	ug/L	90
19) 1,1-Dichloroethane	3.617	63	4320	0.375	ug/L #	93
21) 2-Butanone	4.587	43	3615	2.558	ug/L	87
22) cis-1,2-Dichloroethene	4.489	96	2577	0.432	ug/L	82
23) Bromochloromethane	4.897	128	1353	0.474	ug/L #	61
25) Chloroform	5.105	83	6089	0.471	ug/L	87
27) 1,2-Dichloroethane	6.098	62	3894	0.480	ug/L #	96
29) 1,1,1-Trichloroethane	5.397	97	5560	0.474	ug/L #	90
30) Cyclohexane	5.471	56	3713	0.375	ug/L	94
31) Carbon tetrachloride	5.684	117	4661	0.433	ug/L #	52
33) Benzene	6.037	78	9175	0.389	ug/L	100
34) Trichloroethene	7.129	95	3482	0.485	ug/L	93
35) Methylcyclohexane	7.379	83	4173	0.412	ug/L	89
37) 1,2-Dichloropropane	7.440	63	2469	0.417	ug/L #	90
38) Bromodichloromethane	7.830	83	3615	0.434	ug/L #	86
39) cis-1,3-Dichloropropene	8.372	75	3628	0.424	ug/L	90
40) 4-Methyl-2-pentanone	8.580	43	10014	2.826	ug/L	96
42) Toluene	8.720	91	10718	0.431	ug/L	88
44) trans-1,3-Dichloropropene	8.982	75	3391	0.445	ug/L	94

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

45) 1,1,2-Trichloroethane	9.159	97	2040	0.538	ug/L #	62
47) Tetrachloroethene	9.275	164	2458	0.516	ug/L	93
48) 2-Hexanone	9.433	43	7577	2.980	ug/L	95
49) Dibromochloromethane	9.525	129	2316	0.500	ug/L	76
50) 1,2-Dibromoethane	9.616	107	2015	0.550	ug/L #	91
51) Chlorobenzene	10.079	112	7043	0.468	ug/L	89
52) Ethylbenzene	10.195	91	12642	0.480	ug/L	91
53) m,p-xylene	10.305	106	4295	0.447	ug/L	94
54) o-xylene	10.646	106	4392	0.502	ug/L	98
55) Styrene	10.665	104	7161	0.483	ug/L #	77
57) 1,1,2,2-Tetrachloroethane	11.213	83	2054	0.480	ug/L #	91
59) Bromoform	10.805	173	1114	0.507	ug/L #	96
60) Isopropylbenzene	10.963	105	12422	0.531	ug/L #	92
61) 1,2,3-Trichloropropane	11.244	75	1456	0.456	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.457	105	10780	0.532	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	11459	0.541	ug/L	92
64) 1,3-Dichlorobenzene	11.975	146	5630	0.508	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	5572	0.503	ug/L	88
67) 1,2-Dichlorobenzene	12.341	146	4983	0.495	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.945	75	285	0.345	ug/L	94
69) 1,3,5-Trichlorobenzene	13.122	180	4277	0.510	ug/L #	97
70) 1,2,4-trichlorobenzene	13.591	180	2855	0.406	ug/L	86
71) Naphthalene	13.780	128	4650	0.444	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.963	180	2446	0.433	ug/L	94

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

