

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051021\
 Data File : VX021881.D
 Acq On : 10 May 2021 17:11
 Operator : JC/MD
 Sample : VSTD0.564
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5304

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 11:35:49 AM

Quant Time: May 11 02:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 02:15:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	82098	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73011	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33784	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	2780	0.36	ug/L	0.00
7) Chloroethane-d5	1.672	69	2579	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	4599	0.36	ug/L	0.00
20) 2-Butanone-d5	4.471	46	6065	4.64	ug/L	0.00
24) Chloroform-d	5.074	84	4700	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	2691	0.42	ug/L	0.00
32) Benzene-d6	5.982	84	9098	0.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	2921	0.38	ug/L	0.00
41) Toluene-d8	8.653	98	8364	0.36	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	1344	0.39	ug/L	0.00
46) 2-Hexanone-d5	9.384	63	5456	3.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	2217	0.37	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	2619	0.35	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3422	0.47	ug/L	96
3) Chloromethane	1.288	50	3724	0.51	ug/L	97
5) Vinyl chloride	1.374	62	3785	0.47	ug/L	99
6) Bromomethane	1.617	94	2155	0.53	ug/L	88
8) Chloroethane	1.691	64	2648	0.50	ug/L	97
9) Trichlorofluoromethane	1.892	101	4576	0.43	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2814	0.47	ug/L	100
12) 1,1-Dichloroethene	2.319	96	2833	0.49	ug/L	83
13) Acetone	2.392	43	3950	4.75	ug/L	99
14) Carbon disulfide	2.514	76	9285	0.50	ug/L	98
15) Methyl Acetate	2.715	43	1600	0.68	ug/L #	83
16) Methylene chloride	2.788	84	6818	0.79	ug/L	93
17) Methyl tert-butyl Ether	3.111	73	6663	0.46	ug/L #	92
18) trans-1,2-Dichloroethene	3.093	96	3065	0.50	ug/L #	77
19) 1,1-Dichloroethane	3.611	63	5144	0.48	ug/L	89
21) 2-Butanone	4.580	43	7028	4.49	ug/L	99
22) cis-1,2-Dichloroethene	4.489	96	3230	0.49	ug/L	77
23) Bromochloromethane	4.897	128	1268m	0.49	ug/L	
25) Chloroform	5.099	83	5519	0.47	ug/L	96
27) 1,2-Dichloroethane	6.086	62	2950	0.46	ug/L	97
29) 1,1,1-Trichloroethane	5.391	97	4671	0.49	ug/L	99
30) Cyclohexane	5.476	56	4997	0.47	ug/L	97
31) Carbon tetrachloride	5.690	117	3701	0.44	ug/L	92
33) Benzene	6.037	78	11653	0.48	ug/L	100
34) Trichloroethene	7.123	95	3004	0.48	ug/L	85
35) Methylcyclohexane	7.391	83	5179	0.48	ug/L	98
37) 1,2-Dichloropropane	7.433	63	2822	0.48	ug/L #	89
38) Bromodichloromethane	7.824	83	3595	0.47	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	4261	0.46	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	16982	4.46	ug/L	95
42) Toluene	8.720	91	12012	0.46	ug/L	92
44) trans-1,3-Dichloropropene	8.982	75	3384	0.43	ug/L #	68

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

45) 1,1,2-Trichloroethane	9.159	97	1913	0.46	ug/L #	90
47) Tetrachloroethene	9.275	164	1970	0.46	ug/L	85
48) 2-Hexanone	9.433	43	11928	4.45	ug/L	97
49) Dibromochloromethane	9.525	129	2148	0.45	ug/L	96
50) 1,2-Dibromoethane	9.616	107	1737	0.45	ug/L #	88
51) Chlorobenzene	10.085	112	7560	0.47	ug/L	97
52) Ethylbenzene	10.195	91	13574	0.46	ug/L	99
53) m,p-xylene	10.305	106	5186	0.47	ug/L	83
54) o-xylene	10.646	106	4963	0.46	ug/L	89
55) Styrene	10.658	104	8306	0.46	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	2249	0.44	ug/L #	96
59) Bromoform	10.805	173	1007	0.42	ug/L #	84
60) Isopropylbenzene	10.963	105	13550	0.49	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	1577	0.45	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	10965	0.46	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	11420	0.47	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	5579	0.49	ug/L	96
65) 1,4-Dichlorobenzene	12.048	146	5426	0.48	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	5174	0.50	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	380	0.43	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.115	180	3849	0.48	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3397	0.49	ug/L	95
71) Naphthalene	13.780	128	6707	0.44	ug/L	99
72) 1,2,3-Trichlorobenzene	13.969	180	2960	0.48	ug/L	94

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

