

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024861.D
 Acq On : 22 Oct 2021 10:38
 Operator : JC/MD
 Sample : VSTD00119
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001619

Quant Time: Oct 23 03:04:04 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	90172	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	83561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	42135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	2108	0.317	ug/L	0.00
7) Chloroethane-d5	1.672	69	2105	0.311	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	8903	0.673	ug/L	0.00
20) 2-Butanone-d5	4.483	46	8274	5.499	ug/L	0.00
24) Chloroform-d	5.056	84	10723	0.761	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.958	65	6067	0.798	ug/L	0.00
32) Benzene-d6	5.977	84	16424	0.690	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	5574	0.728	ug/L	0.00
41) Toluene-d8	8.653	98	17078	0.782	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	2429	0.831	ug/L	0.00
46) 2-Hexanone-d5	9.391	63	8687	7.301	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	4017	0.810	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	6042	0.821	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10528	1.031	ug/L	97
3) Chloromethane	1.288	50	3866	0.425	ug/L	97
5) Vinyl chloride	1.374	62	4308	0.422	ug/L	89
6) Bromomethane	1.618	94	3529	0.543	ug/L	99
8) Chloroethane	1.691	64	2768	0.366	ug/L	89
9) Trichlorofluoromethane	1.892	101	14058	0.760	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	7169	0.986	ug/L	97
12) 1,1-Dichloroethene	2.325	96	5566	0.910	ug/L	93
13) Acetone	2.422	43	8013	6.923	ug/L	97
14) Carbon disulfide	2.514	76	15814	0.897	ug/L	97
15) Methyl Acetate	2.715	43	1686	0.572	ug/L	89
16) Methylene chloride	2.788	84	7331	0.913	ug/L	90
17) Methyl tert-butyl Ether	3.117	73	16540	0.987	ug/L	98
18) trans-1,2-Dichloroethene	3.099	96	6578	0.980	ug/L	97
19) 1,1-Dichloroethane	3.611	63	12077	0.898	ug/L	98
21) 2-Butanone	4.587	43	11922	7.233	ug/L	96
22) cis-1,2-Dichloroethene	4.489	96	7655	1.101	ug/L	92
23) Bromochloromethane	4.897	128	3574	1.073	ug/L #	57
25) Chloroform	5.105	83	15185	1.006	ug/L	89
27) 1,2-Dichloroethane	6.092	62	9466	1.000	ug/L	98
29) 1,1,1-Trichloroethane	5.379	97	15543	1.103	ug/L	98
30) Cyclohexane	5.489	56	9219	0.774	ug/L	94
31) Carbon tetrachloride	5.678	117	13173	1.018	ug/L	99
33) Benzene	6.050	78	26206	0.924	ug/L	100
34) Trichloroethene	7.129	95	7840	0.909	ug/L #	77
35) Methylcyclohexane	7.385	83	11422	0.938	ug/L	93
37) 1,2-Dichloropropane	7.440	63	6226	0.874	ug/L #	97
38) Bromodichloromethane	7.830	83	10608	1.060	ug/L #	82
39) cis-1,3-Dichloropropene	8.366	75	10162	0.988	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	28327	6.647	ug/L	96
42) Toluene	8.720	91	30453	1.019	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	9075	0.990	ug/L	98

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

45) 1,1,2-Trichloroethane	9.159	97	5133	1.126	ug/L	93
47) Tetrachloroethene	9.281	164	5768	1.007	ug/L	82
48) 2-Hexanone	9.433	43	20426	6.680	ug/L	96
49) Dibromochloromethane	9.525	129	6406	1.150	ug/L	95
50) 1,2-Dibromoethane	9.616	107	4709	1.068	ug/L #	97
51) Chlorobenzene	10.086	112	18877	1.043	ug/L	95
52) Ethylbenzene	10.195	91	35123	1.108	ug/L	95
53) m,p-xylene	10.305	106	12602	1.091	ug/L	97
54) o-xylene	10.646	106	12452	1.184	ug/L	83
55) Styrene	10.659	104	20028	1.123	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	6414	1.246	ug/L	93
59) Bromoform	10.805	173	2970	1.089	ug/L #	93
60) Isopropylbenzene	10.963	105	35192	1.212	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	4458	1.125	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	29934	1.189	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	30924	1.176	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	14272	1.038	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	14347	1.043	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	13449	1.077	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	12.945	75	1112	1.085	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.116	180	10992	1.056	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	8290	0.949	ug/L	96
71) Naphthalene	13.780	128	13240	1.018	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.963	180	7737	1.103	ug/L	99

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

