

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
 Data File : VX026579.D
 Acq On : 25 Jan 2022 20:03
 Operator : JC/MD
 Sample : VSTD02028
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020628

Quant Time: Jan 26 01:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 01:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	56463	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	54293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31049	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83135	38.757	ug/L	0.00
7) Chloroethane-d5	1.672	69	67027	35.209	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	180585	26.498	ug/L	0.00
20) 2-Butanone-d5	4.477	46	227303	319.899	ug/L	0.00
24) Chloroform-d	5.062	84	188279	22.828	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	92307	20.449	ug/L	0.00
32) Benzene-d6	5.983	84	375789	27.158	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	110481	25.414	ug/L	0.00
41) Toluene-d8	8.653	98	348049	25.537	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	39302	21.419	ug/L	0.00
46) 2-Hexanone-d5	9.390	63	190021	267.475	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	73487	23.124	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	123988	22.748	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	120538	18.884	ug/L	96
3) Chloromethane	1.294	50	89037	32.936	ug/L	94
5) Vinyl chloride	1.374	62	90629	29.119	ug/L	98
6) Bromomethane	1.617	94	52466	23.402	ug/L	90
8) Chloroethane	1.691	64	49748	26.418	ug/L	99
9) Trichlorofluoromethane	1.892	101	117402	14.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	81281	18.921	ug/L	97
12) 1,1-Dichloroethene	2.325	96	76181	21.323	ug/L	88
13) Acetone	2.410	43	113457	232.482	ug/L	98
14) Carbon disulfide	2.514	76	240105	23.900	ug/L	99
15) Methyl Acetate	2.715	43	29104	25.427	ug/L #	81
16) Methylene chloride	2.794	84	76322	19.000	ug/L #	78
17) Methyl tert-butyl Ether	3.117	73	169751	17.469	ug/L #	92
18) trans-1,2-Dichloroethene	3.093	96	80086	19.513	ug/L	93
19) 1,1-Dichloroethane	3.611	63	141122	19.755	ug/L	97
21) 2-Butanone	4.580	43	192034	260.318	ug/L	78
22) cis-1,2-Dichloroethene	4.495	96	86180	19.758	ug/L	96
23) Bromochloromethane	4.903	128	35343	18.020	ug/L #	70
25) Chloroform	5.099	83	151705	16.803	ug/L	95
27) 1,2-Dichloroethane	6.092	62	88518	16.154	ug/L #	85
29) 1,1,1-Trichloroethane	5.391	97	131123	14.883	ug/L #	93
30) Cyclohexane	5.477	56	142564	23.302	ug/L	89
31) Carbon tetrachloride	5.684	117	117447	15.352	ug/L	100
33) Benzene	6.044	78	325382	20.322	ug/L	100
34) Trichloroethene	7.129	95	89705	17.760	ug/L	86
35) Methylcyclohexane	7.385	83	146030	20.277	ug/L	93
37) 1,2-Dichloropropane	7.434	63	77971	19.814	ug/L	99
38) Bromodichloromethane	7.824	83	101150	16.406	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	115977	18.528	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	453708	245.727	ug/L #	85
42) Toluene	8.720	91	350402	19.055	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	92711	16.598	ug/L	97

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

45) 1,1,2-Trichloroethane	9.153	97	52799	17.193	ug/L	93
47) Tetrachloroethene	9.275	164	67857	18.769	ug/L	86
48) 2-Hexanone	9.433	43	322766	240.393	ug/L #	86
49) Dibromochloromethane	9.525	129	63872	16.412	ug/L	97
50) 1,2-Dibromoethane	9.610	107	49440	16.532	ug/L	95
51) Chlorobenzene	10.079	112	220675	18.930	ug/L	94
52) Ethylbenzene	10.195	91	385493	18.027	ug/L	95
53) m,p-xylene	10.305	106	151106	19.626	ug/L	82
54) o-xylene	10.646	106	143573	19.072	ug/L	82
55) Styrene	10.659	104	245097	19.522	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	55443	15.896	ug/L	99
59) Bromoform	10.799	173	32535	15.921	ug/L #	98
60) Isopropylbenzene	10.963	105	388299	16.384	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	44266	15.226	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	332945	16.117	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	340386	16.039	ug/L	93
64) 1,3-Dichlorobenzene	11.969	146	174670	17.376	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	172999	17.256	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	158052	17.152	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	9756	14.354	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.115	180	134650	17.600	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	113885	18.927	ug/L	95
71) Naphthalene	13.780	128	209322	19.299	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	99196	18.371	ug/L	97

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

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