

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072524\
 Data File : VX042553.D
 Acq On : 25 Jul 2024 05:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050758

Quant Time: Jul 25 06:08:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 04:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	194536	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98653	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	40176	35.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.960%
7) Chloroethane-d5	1.648	69	28441	39.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.780%
11) 1,1-Dichloroethene-d2	2.300	65	21748	43.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.760%
21) 2-Butanone-d5	4.465	46	80081	98.139	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.140%
24) Chloroform-d	5.056	84	112999	49.633	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
26) 1,2-Dichloroethane-d4	5.952	65	69159	51.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.970	84	217516	46.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	7.305	67	67169	47.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.940%
41) Toluene-d8	8.647	98	204146	46.595	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.952	79	27275	44.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
47) 2-Hexanone-d5	9.384	63	61659	96.007	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	98929	47.295	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	92168	48.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80335	57.733	ug/L	100
3) Chloromethane	1.300	50	67460	47.974	ug/L	100
5) Vinyl chloride	1.374	62	61717	44.623	ug/L	100
6) Bromomethane	1.599	94	32761	43.471	ug/L	100
8) Chloroethane	1.666	64	30537	44.296	ug/L	99
9) Trichlorofluoromethane	1.874	101	84073	46.707	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	61441	49.529	ug/L	98
12) 1,1-Dichloroethene	2.312	96	57993	49.355	ug/L	86
13) Acetone	2.386	43	54017	97.038	ug/L	98
14) Carbon disulfide	2.508	76	134437	45.989	ug/L	98
15) Methyl Acetate	2.709	43	68017	48.090	ug/L	99
16) Methylene chloride	2.788	84	65886	45.448	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	60969	50.448	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	196437	49.705	ug/L	98
19) 1,1-Dichloroethane	3.605	63	109535	50.472	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	70196	49.440	ug/L	98
22) 2-Butanone	4.562	43	90261	96.867	ug/L	100
23) Bromochloromethane	4.903	128	36556	48.177	ug/L	99
25) Chloroform	5.092	83	118345	52.009	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	89132	52.856	ug/L	99
29) Cyclohexane	5.470	56	95476	48.569	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	101311	51.159	ug/L	100
31) Carbon tetrachloride	5.678	117	89397	51.681	ug/L	100
33) Benzene	6.037	78	249155	48.984	ug/L	100
34) Trichloroethene	7.123	95	67934	50.988	ug/L	97
35) Methylcyclohexane	7.379	83	100059	49.529	ug/L	99
37) 1,2-Dichloropropane	7.427	63	63984	49.026	ug/L	99
38) Bromodichloromethane	7.824	83	79108	49.499	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	88075	45.832	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	177923	95.581	ug/L	98
42) Toluene	8.720	91	269135	49.588	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	79881	46.363	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	69129	49.505	ug/L	99
46) Tetrachloroethene	9.275	164	62379	50.018	ug/L	98
48) 2-Hexanone	9.433	43	137449	94.024	ug/L	99
49) Dibromochloromethane	9.518	129	70547	49.605	ug/L	100
50) 1,2-Dibromoethane	9.610	107	72787	48.533	ug/L	99
51) Chlorobenzene	10.079	112	182994	49.118	ug/L	99
52) Ethylbenzene	10.195	91	298933	50.684	ug/L	98
53) m,p-Xylene	10.299	106	117835	49.636	ug/L	97
54) o-Xylene	10.640	106	116890	49.292	ug/L	100
55) Styrene	10.652	104	197373	49.951	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	104103	46.448	ug/L	99
59) Bromoform	10.799	173	57823	46.760	ug/L	99
60) Isopropylbenzene	10.963	105	302743	49.015	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81933	46.771	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	228828	48.721	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	247166	49.104	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	150826	48.691	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	150347	47.982	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	151287	47.445	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20800	46.383	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	110879	49.265	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	97311	47.536	ug/L	98
71) Naphthalene	13.774	128	298499	47.169	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	102004	47.156	ug/L	98

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

