

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042726.D
 Acq On : 30 Jul 2024 04:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050769

Quant Time: Jul 30 05:34:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	165231	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	151684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30573	30.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.920%
7) Chloroethane-d5	1.648	69	16953	40.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	2.300	65	16994	34.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.720%
21) 2-Butanone-d5	4.465	46	73559	98.869	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.870%
24) Chloroform-d	5.056	84	98189	44.688	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	5.958	65	62895	44.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
32) Benzene-d6	5.970	84	172014	40.861	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.720%
36) 1,2-Dichloropropane-d6	7.306	67	54053	43.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.760%
41) Toluene-d8	8.647	98	155287	41.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	8.952	79	22927	39.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.640%
47) 2-Hexanone-d5	9.384	63	54596	98.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86131	48.013	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	58784	45.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67047	45.929	ug/L	100
3) Chloromethane	1.295	50	54395	45.060	ug/L	99
5) Vinyl chloride	1.374	62	51765	45.110	ug/L	98
6) Bromomethane	1.599	94	17985	50.093	ug/L	97
8) Chloroethane	1.666	64	22239	52.932	ug/L	99
9) Trichlorofluoromethane	1.874	101	74852	46.084	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	52620	45.083	ug/L	100
12) 1,1-Dichloroethene	2.313	96	50010	46.818	ug/L	94
13) Acetone	2.392	43	49676	85.417	ug/L	98
14) Carbon disulfide	2.508	76	114513	43.906	ug/L	100
15) Methyl Acetate	2.709	43	57717	44.772	ug/L	100
16) Methylene chloride	2.788	84	56341	45.672	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	50731	46.279	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	179795	47.320	ug/L	99
19) 1,1-Dichloroethane	3.611	63	97412	46.542	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	59283	47.347	ug/L	96
22) 2-Butanone	4.562	43	77007	86.941	ug/L	92
23) Bromochloromethane	4.904	128	29202	49.252	ug/L	91
25) Chloroform	5.093	83	107004	47.948	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	86632	48.878	ug/L	98
29) Cyclohexane	5.464	56	78857	43.976	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	92545	47.765	ug/L	99
31) Carbon tetrachloride	5.672	117	77696	47.476	ug/L	100
33) Benzene	6.038	78	215534	46.431	ug/L	100
34) Trichloroethene	7.123	95	60636	48.893	ug/L	98
35) Methylcyclohexane	7.379	83	82064	43.720	ug/L	98
37) 1,2-Dichloropropane	7.428	63	54541	45.209	ug/L #	97
38) Bromodichloromethane	7.824	83	73715	47.275	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	79888	43.140	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	152468	91.857	ug/L	97
42) Toluene	8.720	91	229246	47.949	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	72439	43.154	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	59292	48.660	ug/L	97
46) Tetrachloroethene	9.275	164	38939	46.039	ug/L	94
48) 2-Hexanone	9.433	43	120534	93.372	ug/L	99
49) Dibromochloromethane	9.519	129	55701	48.955	ug/L	93
50) 1,2-Dibromoethane	9.610	107	61123	48.231	ug/L #	100
51) Chlorobenzene	10.079	112	146127	47.263	ug/L	98
52) Ethylbenzene	10.195	91	251509	47.961	ug/L	98
53) m,p-Xylene	10.299	106	97659	49.435	ug/L	99
54) o-Xylene	10.640	106	96016	48.859	ug/L	99
55) Styrene	10.653	104	163431	49.889	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	92276	47.356	ug/L	99
59) Bromoform	10.799	173	36289	47.653	ug/L	99
60) Isopropylbenzene	10.963	105	249129	48.588	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	72594	46.241	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	207232	48.596	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	203640	48.363	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	104509	47.392	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	104860	47.210	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	107984	48.629	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	18854	45.080	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	63101	46.134	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	54422	45.372	ug/L	100
71) Naphthalene	13.774	128	226150	48.877	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	59952	48.252	ug/L	99

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

