

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042725.D
 Acq On : 30 Jul 2024 04:36
 Operator : JC/MD
 Sample : P3388-13MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20S6MSD

Quant Time: Jul 30 05:33:50 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	153653	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135377	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	56996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23716	25.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.820%#
7) Chloroethane-d5	1.648	69	12955	33.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.360%#
11) 1,1-Dichloroethene-d2	2.300	65	12307	26.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.520%#
21) 2-Butanone-d5	4.465	46	65985	95.372	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.370%
24) Chloroform-d	5.056	84	81807	40.038	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.080%
26) 1,2-Dichloroethane-d4	5.952	65	54718	41.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.020%
32) Benzene-d6	5.971	84	139176	37.043	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.080%
36) 1,2-Dichloropropane-d6	7.306	67	46857	42.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	8.647	98	120859	35.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.760%#
43) trans-1,3-Dichloroprop...	8.952	79	18793	36.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
47) 2-Hexanone-d5	9.385	63	49070	98.700	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	76033	47.490	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	43595	40.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46591	34.321	ug/L	98
3) Chloromethane	1.301	50	48721	43.401	ug/L	100
5) Vinyl chloride	1.374	62	45181	42.339	ug/L	97
6) Bromomethane	1.599	94	15321	45.888	ug/L	96
8) Chloroethane	1.666	64	19475	49.846	ug/L	98
9) Trichlorofluoromethane	1.874	101	56850	37.638	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	36665	33.780	ug/L	97
12) 1,1-Dichloroethene	2.313	96	41903	42.184	ug/L	93
13) Acetone	2.392	43	48421	89.533	ug/L	98
14) Carbon disulfide	2.508	76	93653	38.614	ug/L	99
15) Methyl Acetate	2.709	43	51401	42.877	ug/L	97
16) Methylene chloride	2.788	84	51055	44.506	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	45142	44.283	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	161471	45.699	ug/L	99
19) 1,1-Dichloroethane	3.605	63	84373	43.350	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	102150	87.731	ug/L	95
22) 2-Butanone	4.568	43	71764	87.127	ug/L	97
23) Bromochloromethane	4.904	128	24621	44.655	ug/L	93
25) Chloroform	5.093	83	93918	45.256	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	74829	45.400	ug/L	99
29) Cyclohexane	5.471	56	53053	33.150	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	76868	44.453	ug/L	97
31) Carbon tetrachloride	5.672	117	62200	42.586	ug/L	99
33) Benzene	6.038	78	189307	45.694	ug/L	100
34) Trichloroethene	7.123	95	588281	531.487	ug/L	98
35) Methylcyclohexane	7.379	83	53266	31.796	ug/L	99
37) 1,2-Dichloropropane	7.428	63	49561	46.029	ug/L	98
38) Bromodichloromethane	7.824	83	64816	46.575	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	65019	39.340	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	136666	92.255	ug/L	96
42) Toluene	8.720	91	197697	46.331	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	63922	42.667	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53207	48.926	ug/L	97
46) Tetrachloroethene	9.275	164	32650	43.253	ug/L	93
48) 2-Hexanone	9.433	43	107944	93.692	ug/L	96
49) Dibromochloromethane	9.519	129	47364	46.642	ug/L	98
50) 1,2-Dibromoethane	9.610	107	53854	47.614	ug/L #	98
51) Chlorobenzene	10.080	112	123217	44.654	ug/L	99
52) Ethylbenzene	10.195	91	200618	42.865	ug/L	98
53) m,p-Xylene	10.299	106	78501	44.524	ug/L	96
54) o-Xylene	10.640	106	79957	45.588	ug/L	99
55) Styrene	10.653	104	134268	45.924	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	82381	47.371	ug/L	98
59) Bromoform	10.799	173	32423	50.691	ug/L	100
60) Isopropylbenzene	10.964	105	193386	44.904	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	66994	50.807	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	162704	45.426	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	161687	45.718	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	79344	42.838	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	81886	43.894	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	84717	45.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	17863	50.850	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	44924	39.104	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	38582	38.297	ug/L	100
71) Naphthalene	13.774	128	180109	46.345	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	43237	41.431	ug/L	99

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

