

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042600.D
 Acq On : 26 Jul 2024 15:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV617

Quant Time: Jul 27 01:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:01:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	201729	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	84092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57389	46.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.660%
7) Chloroethane-d5	1.648	69	23675	46.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	2.294	65	29470	48.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.600%
21) 2-Butanone-d5	4.465	46	96442	106.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.170%
24) Chloroform-d	5.056	84	137397	51.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	5.952	65	86553	50.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
32) Benzene-d6	5.970	84	260437	51.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	7.312	67	77707	51.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	8.647	98	234775	51.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	8.952	79	38081	54.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.740%
47) 2-Hexanone-d5	9.384	63	72639	108.545	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.540%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	113393	52.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	82150	51.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95851	53.781	ug/L	99
3) Chloromethane	1.301	50	77568	52.631	ug/L	98
5) Vinyl chloride	1.374	62	73937	52.774	ug/L	97
6) Bromomethane	1.599	94	22919	52.286	ug/L	95
8) Chloroethane	1.660	64	24281	47.336	ug/L	100
9) Trichlorofluoromethane	1.868	101	91560	46.172	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	75816	53.204	ug/L	99
12) 1,1-Dichloroethene	2.313	96	67536	51.786	ug/L	94
13) Acetone	2.392	43	86086	121.242	ug/L	100
14) Carbon disulfide	2.502	76	179143	56.260	ug/L	99
15) Methyl Acetate	2.709	43	85152	54.103	ug/L	99
16) Methylene chloride	2.788	84	80014	53.127	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	73867	55.193	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	255052	54.981	ug/L	99
19) 1,1-Dichloroethane	3.605	63	140124	54.837	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	85787	56.119	ug/L	99
22) 2-Butanone	4.568	43	124899	115.499	ug/L	97
23) Bromochloromethane	4.904	128	38420	53.075	ug/L	98
25) Chloroform	5.093	83	148267	54.418	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	117048	54.091	ug/L	99
29) Cyclohexane	5.464	56	120076	55.739	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	131001	56.281	ug/L	99
31) Carbon tetrachloride	5.678	117	109992	55.946	ug/L	99
33) Benzene	6.038	78	308458	55.312	ug/L	100
34) Trichloroethene	7.123	95	80193	53.825	ug/L	98
35) Methylcyclohexane	7.379	83	126272	55.997	ug/L	99
37) 1,2-Dichloropropane	7.428	63	80208	55.341	ug/L	100
38) Bromodichloromethane	7.824	83	104382	55.723	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	131286	59.014	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	233554	117.126	ug/L	99
42) Toluene	8.720	91	328447	57.184	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	119742	59.378	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	83357	56.945	ug/L	97
46) Tetrachloroethene	9.275	164	57815	56.900	ug/L	89
48) 2-Hexanone	9.433	43	183014	118.011	ug/L	99
49) Dibromochloromethane	9.519	129	79907	58.458	ug/L	90
50) 1,2-Dibromoethane	9.610	107	87379	57.394	ug/L #	97
51) Chlorobenzene	10.079	112	204276	54.997	ug/L	98
52) Ethylbenzene	10.195	91	361703	57.414	ug/L	99
53) m,p-Xylene	10.299	106	138980	58.560	ug/L	98
54) o-Xylene	10.640	106	136772	57.933	ug/L	99
55) Styrene	10.653	104	228894	58.162	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	130818	55.884	ug/L	98
59) Bromoform	10.799	173	52996	56.158	ug/L	99
60) Isopropylbenzene	10.963	105	357341	56.239	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	102195	52.530	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298006	56.392	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	294095	56.362	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	148323	54.276	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	149618	54.358	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	150951	54.856	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	28416	54.827	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	92242	54.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	81625	54.915	ug/L	99
71) Naphthalene	13.774	128	329564	57.478	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	86730	56.329	ug/L	99

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

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