

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
 Data File : VX042455.D
 Acq On : 22 Jul 2024 19:25
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050752

Quant Time: Jul 23 08:01:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207002	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232736	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62326	51.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.460%
7) Chloroethane-d5	1.648	69	39583	52.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.360%
11) 1,1-Dichloroethene-d2	2.294	65	22686	43.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
21) 2-Butanone-d5	4.470	46	86311	99.404	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.400%
24) Chloroform-d	5.056	84	118969	49.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
26) 1,2-Dichloroethane-d4	5.958	65	72464	50.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.360%
32) Benzene-d6	5.976	84	239625	39.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.660%
36) 1,2-Dichloropropane-d6	7.311	67	74316	41.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.100%
41) Toluene-d8	8.646	98	275281	49.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.951	79	36356	46.466	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
47) 2-Hexanone-d5	9.390	63	87532	106.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138297	51.672	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	118055	49.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	84504	57.072	ug/L	100
3) Chloromethane	1.300	50	87891	58.740	ug/L	100
5) Vinyl chloride	1.373	62	86296	58.637	ug/L	99
6) Bromomethane	1.599	94	40774	50.845	ug/L	98
8) Chloroethane	1.666	64	40886	55.736	ug/L	99
9) Trichlorofluoromethane	1.867	101	81172	42.379	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	65965	49.974	ug/L	98
12) 1,1-Dichloroethene	2.312	96	59293	47.422	ug/L #	81
13) Acetone	2.392	43	59173	99.899	ug/L	96
14) Carbon disulfide	2.501	76	116591	37.483	ug/L	98
15) Methyl Acetate	2.709	43	78067	51.872	ug/L	100
16) Methylene chloride	2.788	84	72037	46.698	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	61686	47.968	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	223503	53.148	ug/L	99
19) 1,1-Dichloroethane	3.605	63	120286	52.088	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	76686	50.758	ug/L	98
22) 2-Butanone	4.574	43	107324	108.243	ug/L	98
23) Bromochloromethane	4.903	128	41654	51.590	ug/L	100
25) Chloroform	5.092	83	130061	53.716	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	99238	55.305	ug/L	99
29) Cyclohexane	5.464	56	101105	40.197	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	111261	43.910	ug/L	99
31) Carbon tetrachloride	5.678	117	96759	43.717	ug/L	99
33) Benzene	6.037	78	273652	42.047	ug/L	100
34) Trichloroethene	7.122	95	73857	43.323	ug/L	98
35) Methylcyclohexane	7.378	83	111183	43.012	ug/L	99
37) 1,2-Dichloropropane	7.433	63	77857	46.624	ug/L	100
38) Bromodichloromethane	7.823	83	109349	53.474	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	129025	52.474	ug/L	99
40) 4-Methyl-2-pentanone	8.579	43	287326	120.632	ug/L	96
42) Toluene	8.720	91	370340	53.328	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	116866	53.011	ug/L	100
45) 1,1,2-Trichloroethane	9.152	97	98177	54.947	ug/L	97
46) Tetrachloroethene	9.274	164	85889	53.824	ug/L	96
48) 2-Hexanone	9.433	43	218978	117.071	ug/L	99
49) Dibromochloromethane	9.524	129	95947	52.726	ug/L	99
50) 1,2-Dibromoethane	9.610	107	103098	53.726	ug/L	99
51) Chlorobenzene	10.079	112	253126	53.099	ug/L	99
52) Ethylbenzene	10.195	91	409377	54.246	ug/L	98
53) m,p-Xylene	10.305	106	161296	53.100	ug/L	96
54) o-Xylene	10.640	106	164964	54.368	ug/L	100
55) Styrene	10.658	104	278259	55.037	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	160348	55.914	ug/L	98
59) Bromoform	10.799	173	79135	51.113	ug/L	100
60) Isopropylbenzene	10.963	105	427588	55.292	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	123104	56.128	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	324068	55.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	348564	55.310	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	208276	53.703	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	208128	53.052	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	216151	54.142	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30801	54.859	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	153698	54.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	137269	53.558	ug/L	98
71) Naphthalene	13.774	128	443931	56.030	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	147943	54.626	ug/L	100

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

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