

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042755.D
 Acq On : 30 Jul 2024 21:21
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050771

Quant Time: Jul 31 03:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	144042	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	35822	40.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.860%
7) Chloroethane-d5	1.648	69	15844	43.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	2.294	65	18767	43.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.060%
21) 2-Butanone-d5	4.465	46	59080	91.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.090%
24) Chloroform-d	5.056	84	94874	49.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
26) 1,2-Dichloroethane-d4	5.958	65	58784	47.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
32) Benzene-d6	5.971	84	174676	46.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	7.306	67	52151	46.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	8.647	98	162721	48.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.500%
43) trans-1,3-Dichloroprop...	8.952	79	23027	44.198	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
47) 2-Hexanone-d5	9.385	63	44982	90.369	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	75089	46.844	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	55754	48.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	64079	50.353	ug/L	98
3) Chloromethane	1.301	50	49110	46.667	ug/L	96
5) Vinyl chloride	1.374	62	45242	45.225	ug/L	94
6) Bromomethane	1.599	94	16011	51.155	ug/L	98
8) Chloroethane	1.666	64	16903	46.150	ug/L	95
9) Trichlorofluoromethane	1.874	101	65238	46.073	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	49714	48.859	ug/L	98
12) 1,1-Dichloroethene	2.307	96	44279	47.551	ug/L	89
13) Acetone	2.392	43	45213	89.179	ug/L	98
14) Carbon disulfide	2.502	76	105720	46.498	ug/L #	95
15) Methyl Acetate	2.709	43	55522	49.405	ug/L	97
16) Methylene chloride	2.788	84	55041	51.182	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	48908	51.179	ug/L	89
18) Methyl tert-butyl Ether	3.123	73	175050	52.848	ug/L	99
19) 1,1-Dichloroethane	3.605	63	92563	50.731	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	59021	54.072	ug/L	99
22) 2-Butanone	4.568	43	76636	99.250	ug/L	97
23) Bromochloromethane	4.904	128	27989	54.150	ug/L	87
25) Chloroform	5.099	83	102680	52.779	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	81979	53.057	ug/L	99
29) Cyclohexane	5.471	56	75940	47.393	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	89202	51.523	ug/L	99
31) Carbon tetrachloride	5.678	117	74264	50.784	ug/L	99
33) Benzene	6.038	78	209477	50.501	ug/L	100
34) Trichloroethene	7.129	95	54212	48.919	ug/L	95
35) Methylcyclohexane	7.379	83	80359	47.910	ug/L	99
37) 1,2-Dichloropropane	7.428	63	54001	50.093	ug/L	98
38) Bromodichloromethane	7.824	83	70816	50.826	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	77833	47.037	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	154279	104.019	ug/L	98
42) Toluene	8.720	91	220903	51.707	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	73945	49.298	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	57550	52.856	ug/L	97
46) Tetrachloroethene	9.275	164	39367	52.089	ug/L	95
48) 2-Hexanone	9.433	43	114881	99.593	ug/L	95
49) Dibromochloromethane	9.519	129	54159	53.269	ug/L	100
50) 1,2-Dibromoethane	9.610	107	60660	53.567	ug/L	99
51) Chlorobenzene	10.080	112	146441	53.006	ug/L	96
52) Ethylbenzene	10.195	91	240976	51.426	ug/L	99
53) m,p-Xylene	10.299	106	93855	53.168	ug/L	98
54) o-Xylene	10.640	106	95007	54.103	ug/L	98
55) Styrene	10.653	104	160088	54.689	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	90716	52.101	ug/L	98
59) Bromoform	10.799	173	35968	52.286	ug/L	96
60) Isopropylbenzene	10.964	105	247311	53.396	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	70668	49.832	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	205780	53.420	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	204892	53.868	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	103091	51.752	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	103811	51.741	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	106903	53.295	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20323	53.793	ug/L	95
69) 1,3,5-Trichlorobenzene	13.110	180	65244	52.806	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	57498	53.067	ug/L	100
71) Naphthalene	13.774	128	231671	55.429	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61172	54.503	ug/L	99

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

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