

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039253.D
 Acq On : 16 Dec 2023 00:51
 Operator : JC/MD
 Sample : 05844-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHH3MSD

Quant Time: Dec 16 01:54:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193555	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	90429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64392	42.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.840%
7) Chloroethane-d5	1.666	69	50132	44.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	2.307	65	32277	48.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	4.453	46	146009	106.249	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.250%
24) Chloroform-d	5.056	84	146328	54.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.900%
26) 1,2-Dichloroethane-d4	5.952	65	97742	56.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.320%
32) Benzene-d6	5.971	84	274318	48.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	7.306	67	91474	50.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	8.647	98	241904	47.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.946	79	43538	47.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
47) 2-Hexanone-d5	9.385	63	110400	102.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137107	53.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	86367	50.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	86174	55.828	ug/L	99
3) Chloromethane	1.295	50	83133	51.528	ug/L	99
5) Vinyl chloride	1.374	62	78984	49.673	ug/L	98
6) Bromomethane	1.605	94	45570	53.095	ug/L	99
8) Chloroethane	1.691	64	45288	50.379	ug/L	97
9) Trichlorofluoromethane	1.886	101	113063	54.864	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	72156	54.433	ug/L	99
12) 1,1-Dichloroethene	2.319	96	68562	54.986	ug/L	95
13) Acetone	2.374	43	128279	97.168	ug/L	95
14) Carbon disulfide	2.514	76	201485	50.780	ug/L	99
15) Methyl Acetate	2.703	43	87565	46.405	ug/L	98
16) Methylene chloride	2.788	84	76037	53.076	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	70221	53.449	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	254957	55.752	ug/L	97
19) 1,1-Dichloroethane	3.611	63	144688	55.698	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	81124	53.236	ug/L	94
22) 2-Butanone	4.550	43	205718	126.972	ug/L	100
23) Bromochloromethane	4.898	128	38651	53.957	ug/L	98
25) Chloroform	5.093	83	146091	56.383	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	125397	61.318	ug/L	97
29) Cyclohexane	5.471	56	130296	51.237	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	123583	56.030	ug/L	98
31) Carbon tetrachloride	5.678	117	100083	54.386	ug/L	99
33) Benzene	6.038	78	301657	52.216	ug/L	100
34) Trichloroethene	7.123	95	80762	52.899	ug/L	95
35) Methylcyclohexane	7.379	83	127617	50.189	ug/L	97
37) 1,2-Dichloropropane	7.428	63	86128	53.756	ug/L	100
38) Bromodichloromethane	7.818	83	106629	54.717	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	130837	51.201	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	282877	105.346	ug/L	98
42) Toluene	8.720	91	321585	52.494	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	122857	51.809	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	78233	53.282	ug/L	98
46) Tetrachloroethene	9.275	164	52068	51.699	ug/L	96
48) 2-Hexanone	9.427	43	223359	99.384	ug/L	97
49) Dibromochloromethane	9.519	129	75920	53.075	ug/L	99
50) 1,2-Dibromoethane	9.610	107	83921	53.350	ug/L	99
51) Chlorobenzene	10.080	112	195768	51.735	ug/L	97
52) Ethylbenzene	10.195	91	362045	52.863	ug/L	100
53) m,p-Xylene	10.299	106	133521	52.143	ug/L	96
54) o-Xylene	10.640	106	129384	52.658	ug/L	96
55) Styrene	10.653	104	221731	52.741	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	135857	53.018	ug/L	100
59) Bromoform	10.799	173	52868	49.745	ug/L	100
60) Isopropylbenzene	10.964	105	352664	53.371	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	105812	53.415	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	298887	53.578	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	296121	54.135	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	147669	52.212	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	148867	51.943	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	141729	52.387	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	33199	53.699	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	95649	51.139	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	90958	51.585	ug/L	98
71) Naphthalene	13.774	128	318265	52.631	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	88217	51.670	ug/L	99

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

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