

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
 Data File : VV031220.D
 Acq On : 24 May 2023 17:09
 Operator : SY/MD
 Sample : 02865-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX75MSD

Quant Time: May 25 01:15:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	194716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	193503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116034	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	62055	37.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.536	69	61136	47.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.380%
11) 1,1-Dichloroethene-d2	2.063	65	33557	43.003	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.000%
21) 2-Butanone-d5	3.802	46	92368	104.170	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.170%
24) Chloroform-d	4.259	84	134034	45.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
26) 1,2-Dichloroethane-d4	4.950	65	96836	48.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
32) Benzene-d6	4.969	84	227369	43.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	5.995	67	68105	43.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.249	98	220365	45.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.020%
43) trans-1,3-Dichloroprop...	7.558	79	36656	46.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.030	63	60759	99.285	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	110249	46.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	11.567	152	98144	47.069	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54352	43.237	ug/L	99
3) Chloromethane	1.217	50	56256	40.877	ug/L	99
5) Vinyl chloride	1.285	62	54761	44.549	ug/L	100
6) Bromomethane	1.491	94	30819	44.737	ug/L	99
8) Chloroethane	1.552	64	40624	51.287	ug/L	100
9) Trichlorofluoromethane	1.719	101	114983	47.558	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	58264	45.697	ug/L	96
12) 1,1-Dichloroethene	2.076	96	48781	45.100	ug/L	98
13) Acetone	2.127	43	96969	84.119	ug/L	97
14) Carbon disulfide	2.246	76	83744	42.487	ug/L	99
15) Methyl Acetate	2.381	43	66999	51.139	ug/L	99
16) Methylene chloride	2.455	84	53968	44.819	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	47625	47.624	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	201689	52.209	ug/L	99
19) 1,1-Dichloroethane	3.117	63	108024	47.399	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	60274	48.892	ug/L	98
22) 2-Butanone	3.883	43	97774	88.447	ug/L	100
23) Bromochloromethane	4.159	128	32458	47.912	ug/L	99
25) Chloroform	4.288	83	126427	49.659	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	112819	52.229	ug/L	98
29) Cyclohexane	4.597	56	68278	44.841	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	116111	48.899	ug/L	99
31) Carbon tetrachloride	4.744	117	101305	48.973	ug/L	100
33) Benzene	5.021	78	222521	48.001	ug/L	100
34) Trichloroethene	5.841	95	129262	104.064	ug/L	96
35) Methylcyclohexane	6.056	83	75292	45.679	ug/L	99
37) 1,2-Dichloropropane	6.098	63	61496	48.197	ug/L	99
38) Bromodichloromethane	6.439	83	96772	48.926	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	94360	47.959	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	210097	107.006	ug/L	97
42) Toluene	7.323	91	252172	50.278	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	101387	50.938	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	66094	47.470	ug/L	98
46) Tetrachloroethene	7.911	164	49578	46.482	ug/L	95
48) 2-Hexanone	8.082	43	165891	101.442	ug/L	99
49) Dibromochloromethane	8.185	129	76679	48.811	ug/L	94
50) 1,2-Dibromoethane	8.288	107	66158	47.792	ug/L	95
51) Chlorobenzene	8.821	112	170741	47.829	ug/L	98
52) Ethylbenzene	8.953	91	281669	49.050	ug/L	98
53) m,p-Xylene	9.079	106	111194	49.918	ug/L	94
54) o-Xylene	9.484	106	111376	50.684	ug/L	96
55) Styrene	9.503	104	200987	51.715	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	112047	48.978	ug/L	99
59) Bromoform	9.670	173	65041	48.342	ug/L	99
60) Isopropylbenzene	9.873	105	304012	48.989	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	87581	49.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	250888	49.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	247103	49.544	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	157286	49.465	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	165917	50.157	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	161859	50.167	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	27905	50.926	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	122516	49.843	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	108706	51.966	ug/L	99
71) Naphthalene	13.445	128	306132	56.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	113436	54.266	ug/L	99

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

