

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032024\
 Data File : VW034773.D
 Acq On : 20 Mar 2024 19:19
 Operator : SY/MD
 Sample : P1755-21MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCL13MSD

Quant Time: Mar 21 02:23:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344912	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	331789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	129258	43.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.532	69	108649	46.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.280%
11) 1,1-Dichloroethene-d2	2.060	65	49913	36.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.820%
21) 2-Butanone-d5	3.789	46	194242	97.143	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.140%
24) Chloroform-d	4.246	84	256089	48.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	4.940	65	166526	48.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
32) Benzene-d6	4.957	84	482024	48.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
36) 1,2-Dichloropropane-d6	5.985	67	146761	48.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.239	98	435030	48.007	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.020%
43) trans-1,3-Dichloroprop...	7.551	79	71401	46.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
47) 2-Hexanone-d5	8.024	63	123272	80.782	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	205805	51.176	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	168793	48.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	147339	40.725	ug/L	99
3) Chloromethane	1.217	50	138901	39.072	ug/L	99
5) Vinyl chloride	1.285	62	143685	41.638	ug/L	99
6) Bromomethane	1.487	94	87906	42.457	ug/L	99
8) Chloroethane	1.548	64	94792	46.216	ug/L	99
9) Trichlorofluoromethane	1.712	101	227427	44.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	106439	38.216	ug/L	99
12) 1,1-Dichloroethene	2.069	96	99995	38.717	ug/L	97
13) Acetone	2.121	43	293271	122.004	ug/L	98
14) Carbon disulfide	2.240	76	281571	39.283	ug/L	99
15) Methyl Acetate	2.371	43	134921	43.873	ug/L	93
16) Methylene chloride	2.445	84	138208	50.449	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	118509	47.408	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	473376	52.732	ug/L	99
19) 1,1-Dichloroethane	3.111	63	252060	51.474	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	140182	51.685	ug/L	96
22) 2-Butanone	3.870	43	233062	98.186	ug/L	98
23) Bromochloromethane	4.146	128	72722	51.852	ug/L	99
25) Chloroform	4.272	83	263262	51.869	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	216116	52.408	ug/L	100
29) Cyclohexane	4.580	56	189191	43.352	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	236611	49.731	ug/L	98
31) Carbon tetrachloride	4.735	117	201680	47.878	ug/L	99
33) Benzene	5.008	78	512001	49.715	ug/L	100
34) Trichloroethene	5.831	95	133846	45.721	ug/L	94
35) Methylcyclohexane	6.050	83	186187	41.835	ug/L	99
37) 1,2-Dichloropropane	6.092	63	139143	51.605	ug/L	99
38) Bromodichloromethane	6.432	83	196196	51.730	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	212788	48.709	ug/L	95
40) 4-Methyl-2-pentanone	7.156	43	428226	107.706	ug/L	98
42) Toluene	7.313	91	538310	49.388	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	203561	48.449	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	143233	55.056	ug/L	99
46) Tetrachloroethene	7.905	164	98543	45.263	ug/L	98
48) 2-Hexanone	8.072	43	340953	107.619	ug/L	97
49) Dibromochloromethane	8.175	129	150045	54.654	ug/L	98
50) 1,2-Dibromoethane	8.281	107	145563	52.728	ug/L	100
51) Chlorobenzene	8.812	112	355713	50.482	ug/L	99
52) Ethylbenzene	8.944	91	611645	50.082	ug/L	100
53) m,p-Xylene	9.072	106	227668	49.125	ug/L	98
54) o-Xylene	9.477	106	231195	50.944	ug/L	96
55) Styrene	9.493	104	401731	52.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	221125	56.591	ug/L	98
59) Bromoform	9.664	173	105957	55.847	ug/L	99
60) Isopropylbenzene	9.866	105	630102	52.062	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	180696	55.317	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	522613	51.190	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	528772	52.367	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	286888	51.268	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	300350	52.854	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	301974	53.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	54198	55.698	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	202550	48.250	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	184183	48.760	ug/L	99
71) Naphthalene	13.438	128	515711	51.040	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	191218	51.892	ug/L	99

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

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