

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032124\
 Data File : VW034794.D
 Acq On : 21 Mar 2024 17:34
 Operator : SY/MD
 Sample : P1743-04MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0737MSD

Quant Time: Mar 22 02:05:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340231	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	326519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	172305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159947	54.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.460%
7) Chloroethane-d5	1.529	69	131503	57.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.460%
11) 1,1-Dichloroethene-d2	2.060	65	59088	44.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.600%
21) 2-Butanone-d5	3.786	46	210377	106.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.660%
24) Chloroform-d	4.246	84	291662	55.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.860%
26) 1,2-Dichloroethane-d4	4.937	65	189523	55.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.220%
32) Benzene-d6	4.957	84	553458	56.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.320%
36) 1,2-Dichloropropane-d6	5.985	67	166428	55.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.680%
41) Toluene-d8	7.239	98	503571	56.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.940%
43) trans-1,3-Dichloroprop...	7.551	79	87435	57.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.800%
47) 2-Hexanone-d5	8.021	63	139491	92.885	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	226951	57.345	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	195745	55.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	156094	43.739	ug/L	100
3) Chloromethane	1.217	50	145848	41.591	ug/L	99
5) Vinyl chloride	1.285	62	152567	44.820	ug/L	98
6) Bromomethane	1.487	94	99044	48.495	ug/L	100
8) Chloroethane	1.545	64	100191	49.520	ug/L	98
9) Trichlorofluoromethane	1.712	101	245503	48.161	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	122046	44.422	ug/L	99
12) 1,1-Dichloroethene	2.069	96	108622	42.636	ug/L	96
13) Acetone	2.121	43	130960	55.230	ug/L	97
14) Carbon disulfide	2.240	76	299559	42.368	ug/L	99
15) Methyl Acetate	2.371	43	170554	56.224	ug/L	96
16) Methylene chloride	2.445	84	151369	56.013	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	128705	52.195	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	523350	59.101	ug/L	99
19) 1,1-Dichloroethane	3.111	63	277089	57.363	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153929	57.534	ug/L	95
22) 2-Butanone	3.867	43	226817	96.870	ug/L	98
23) Bromochloromethane	4.146	128	79271	57.299	ug/L	98
25) Chloroform	4.275	83	288833	57.690	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229632	56.452	ug/L	100
29) Cyclohexane	4.580	56	206034	47.973	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	255305	54.527	ug/L	99
31) Carbon tetrachloride	4.731	117	216246	52.165	ug/L	100
33) Benzene	5.008	78	555126	54.773	ug/L	100
34) Trichloroethene	5.831	95	152397	52.898	ug/L	98
35) Methylcyclohexane	6.047	83	215229	49.141	ug/L	99
37) 1,2-Dichloropropane	6.092	63	151565	57.119	ug/L	99
38) Bromodichloromethane	6.429	83	217010	58.142	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	247239	57.509	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	460060	117.581	ug/L	98
42) Toluene	7.313	91	599034	55.846	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	245967	59.487	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	152862	59.706	ug/L	99
46) Tetrachloroethene	7.902	164	112062	52.303	ug/L	97
48) 2-Hexanone	8.072	43	363678	116.645	ug/L	97
49) Dibromochloromethane	8.175	129	163905	60.666	ug/L	97
50) 1,2-Dibromoethane	8.281	107	159683	58.776	ug/L	98
51) Chlorobenzene	8.812	112	396915	57.238	ug/L	98
52) Ethylbenzene	8.944	91	685749	57.055	ug/L	100
53) m,p-Xylene	9.072	106	259290	56.851	ug/L	98
54) o-Xylene	9.477	106	257940	57.755	ug/L	97
55) Styrene	9.493	104	449093	59.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	237583	61.784	ug/L	98
59) Bromoform	9.664	173	118243	61.896	ug/L	100
60) Isopropylbenzene	9.866	105	711994	58.426	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	195745	59.513	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	597420	58.116	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	600622	59.076	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	327935	58.202	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	336432	58.798	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	329326	58.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	57406	58.591	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	244725	57.897	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	219230	57.641	ug/L	98
71) Naphthalene	13.435	128	583080	57.312	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	215464	58.071	ug/L	99

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

