

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040524\
 Data File : VW035036.D
 Acq On : 06 Apr 2024 04:14
 Operator : SY/MD
 Sample : P2009-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LZ3MS

Quant Time: Apr 06 05:45:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	394719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	384544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	196031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	202741	53.185	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 106.360%		
7) Chloroethane-d5	1.532	69	168261	50.819	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 101.640%		
11) 1,1-Dichloroethene-d2	2.060	65	79282	47.446	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 94.900%		
21) 2-Butanone-d5	3.789	46	215890	95.492	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 95.490%		
24) Chloroform-d	4.246	84	316130	49.324	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.640%		
26) 1,2-Dichloroethane-d4	4.941	65	193718	47.606	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 95.220%		
32) Benzene-d6	4.957	84	625599	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.860%		
36) 1,2-Dichloropropane-d6	5.985	67	200145	48.795	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 97.580%		
41) Toluene-d8	7.239	98	565063	48.575	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 97.140%		
43) trans-1,3-Dichloroprop...	7.551	79	90954	45.612	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 91.220%		
47) 2-Hexanone-d5	8.024	63	132473	85.422	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 85.420%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	277128	49.062	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 98.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152	207990	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 94.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	137081	47.917	ug/L	100
3) Chloromethane	1.217	50	172366	46.866	ug/L	99
5) Vinyl chloride	1.285	62	185109	48.010	ug/L	# 1
6) Bromomethane	1.490	94	116367	40.264	ug/L	99
8) Chloroethane	1.548	64	159142	60.435	ug/L	90
9) Trichlorofluoromethane	1.712	101	254643	50.320	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	156838	50.636	ug/L	97
12) 1,1-Dichloroethene	2.069	96	145015	48.952	ug/L	97
13) Acetone	2.124	43	168812	81.331	ug/L	99
14) Carbon disulfide	2.240	76	386431	46.322	ug/L	100
15) Methyl Acetate	2.375	43	157120	48.036	ug/L	99
16) Methylene chloride	2.445	84	173817	54.151	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	151819	53.008	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	562176	55.883	ug/L	98
19) 1,1-Dichloroethane	3.111	63	333867	56.845	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	198926	61.165	ug/L	99
22) 2-Butanone	3.870	43	240208	99.732	ug/L	98
23) Bromochloromethane	4.146	128	91094	55.982	ug/L	98
25) Chloroform	4.272	83	328221	56.523	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	256698	55.522	ug/L	100
29) Cyclohexane	4.580	56	254340	52.808	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	274886	54.840	ug/L	99
31) Carbon tetrachloride	4.735	117	235445	55.418	ug/L	99
33) Benzene	5.008	78	681077	54.315	ug/L	100
34) Trichloroethene	5.831	95	171303	50.620	ug/L	99
35) Methylcyclohexane	6.050	83	262436	51.349	ug/L	99
37) 1,2-Dichloropropane	6.092	63	199508	57.573	ug/L	100
38) Bromodichloromethane	6.429	83	251489	56.248	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	295768	54.180	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	502690	113.618	ug/L	99
42) Toluene	7.313	91	724733	55.205	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	275663	54.965	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	184991	56.638	ug/L	98
46) Tetrachloroethene	7.902	164	129322	54.699	ug/L	96
48) 2-Hexanone	8.072	43	400814	106.515	ug/L	97
49) Dibromochloromethane	8.175	129	188340	58.221	ug/L	98
50) 1,2-Dibromoethane	8.278	107	194839	55.408	ug/L	99
51) Chlorobenzene	8.812	112	483451	56.820	ug/L	99
52) Ethylbenzene	8.944	91	796501	54.744	ug/L	100
53) m,p-Xylene	9.069	106	293698	54.814	ug/L	99
54) o-Xylene	9.477	106	293256	55.316	ug/L	98
55) Styrene	9.493	104	510334	56.964	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	320820	60.624	ug/L	99
59) Bromoform	9.664	173	145437	64.740	ug/L	98
60) Isopropylbenzene	9.863	105	796400	56.354	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	240648	56.651	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	518281	56.469	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	643987	56.751	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	362788	54.933	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	389275	57.962	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	388841	59.103	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	64608	55.207	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	252085	52.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	234575	53.652	ug/L	100
71) Naphthalene	13.435	128	484437	39.937	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	223282	51.809	ug/L	99

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

