

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035101.D
 Acq On : 10 Apr 2024 12:04
 Operator : SY/MD
 Sample : P1968-03MSD 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E07R9MSD

Quant Time: Apr 11 06:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	288407	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	271633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104173	37.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.800%
7) Chloroethane-d5	1.523	69	99308	41.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.100%
11) 1,1-Dichloroethene-d2	2.056	65	47442	38.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.720%
21) 2-Butanone-d5	3.783	46	224135	135.683	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.680%#
24) Chloroform-d	4.246	84	238577	50.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
26) 1,2-Dichloroethane-d4	4.937	65	158648	53.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.720%
32) Benzene-d6	4.957	84	435113	47.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
36) 1,2-Dichloropropane-d6	5.986	67	151844	52.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.820%
41) Toluene-d8	7.243	98	366562	44.609	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
43) trans-1,3-Dichloroprop...	7.551	79	65728	46.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.320%
47) 2-Hexanone-d5	8.021	63	141771	129.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	236965	59.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.780%
66) 1,2-Dichlorobenzene-d4	11.558	152	137965	47.239	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	77106	36.887	ug/L	99
3) Chloromethane	1.214	50	132800	49.419	ug/L	99
5) Vinyl chloride	1.282	62	124983	44.365	ug/L	98
6) Bromomethane	1.478	94	67574	32.000	ug/L	99
8) Chloroethane	1.542	64	94732	49.236	ug/L	98
9) Trichlorofluoromethane	1.709	101	152332	41.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	91381	40.378	ug/L	99
12) 1,1-Dichloroethene	2.066	96	93880	43.373	ug/L	96
13) Acetone	2.114	43	190439	125.572	ug/L	97
14) Carbon disulfide	2.236	76	222896	36.568	ug/L	100
15) Methyl Acetate	2.372	43	199041	83.284	ug/L	99
16) Methylene chloride	2.446	84	148485	63.311	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	101829	48.660	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	524697	71.384	ug/L	98
19) 1,1-Dichloroethane	3.108	63	263771	61.465	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	138811	58.414	ug/L	99
22) 2-Butanone	3.863	43	258873	147.102	ug/L	97
23) Bromochloromethane	4.146	128	76637	64.459	ug/L	96
25) Chloroform	4.272	83	260523	61.403	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	224663	66.506	ug/L	100
29) Cyclohexane	4.580	56	132009	38.802	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	183094	51.711	ug/L	100
31) Carbon tetrachloride	4.732	117	141446	47.132	ug/L	99
33) Benzene	5.008	78	486968	54.978	ug/L	100
34) Trichloroethene	5.831	95	113000	47.271	ug/L	98
35) Methylcyclohexane	6.047	83	135211	37.453	ug/L	97
37) 1,2-Dichloropropane	6.092	63	153572	62.738	ug/L	100
38) Bromodichloromethane	6.429	83	202537	64.129	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	210989	54.716	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	497793	159.280	ug/L	100
42) Toluene	7.313	91	463307	49.962	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	212673	60.032	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	159678	69.210	ug/L	99
46) Tetrachloroethene	7.905	164	72702	43.533	ug/L	98
48) 2-Hexanone	8.072	43	410697	154.509	ug/L	98
49) Dibromochloromethane	8.175	129	150153	65.710	ug/L	100
50) 1,2-Dibromoethane	8.281	107	161624	65.068	ug/L	97
51) Chlorobenzene	8.812	112	298579	49.679	ug/L	99
52) Ethylbenzene	8.944	91	468159	45.552	ug/L	99
53) m,p-Xylene	9.072	106	171324	45.266	ug/L	100
54) o-Xylene	9.477	106	181362	48.430	ug/L	100
55) Styrene	9.493	104	321263	50.765	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	273488	73.161	ug/L	99
59) Bromoform	9.664	173	114233	76.631	ug/L	99
60) Isopropylbenzene	9.866	105	445917	47.551	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	218398	77.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	292073	47.957	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	369158	49.025	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	221533	50.551	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	223965	50.255	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	241723	55.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	62822	80.897	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	155294	49.169	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	148795	51.287	ug/L	99
71) Naphthalene	13.435	128	568802	70.666	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	170120	59.487	ug/L	99

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

