

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082724\
 Data File : VW037091.D
 Acq On : 27 Aug 2024 17:05
 Operator : SY/MD
 Sample : P3692-07MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K38MS

Quant Time: Aug 28 04:22:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	655961	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	624975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	314746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	304093	50.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.360%
7) Chloroethane-d5	1.529	69	210133	45.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.620%
11) 1,1-Dichloroethene-d2	2.056	65	117278	46.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.000%
21) 2-Butanone-d5	3.793	46	254306	109.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.440%
24) Chloroform-d	4.243	84	466891	49.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	4.937	65	296695	50.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.340%
32) Benzene-d6	4.950	84	883839	46.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	5.985	67	276429	46.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.500%
41) Toluene-d8	7.236	98	811792	47.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
43) trans-1,3-Dichloroprop...	7.548	79	133558	48.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.660%
47) 2-Hexanone-d5	8.024	63	212562	131.731	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.730%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	372398	51.934	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.860%
66) 1,2-Dichlorobenzene-d4	11.554	152	302956	48.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	283819	51.202	ug/L	100
3) Chloromethane	1.217	50	267645	42.933	ug/L	98
5) Vinyl chloride	1.281	62	4772293	815.465	ug/L	99
6) Bromomethane	1.484	94	146427	44.653	ug/L	100
8) Chloroethane	1.545	64	185781	51.900	ug/L	98
9) Trichlorofluoromethane	1.709	101	411815	53.923	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	242380	53.359	ug/L	99
12) 1,1-Dichloroethene	2.066	96	229348	53.592	ug/L	98
13) Acetone	2.111	43	206991	83.059	ug/L	98
14) Carbon disulfide	2.236	76	657428	50.603	ug/L	99
15) Methyl Acetate	2.371	43	243183	58.205	ug/L	100
16) Methylene chloride	2.442	84	258196	53.474	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	242885	54.671	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	827933	59.242	ug/L	99
19) 1,1-Dichloroethane	3.101	63	487108	55.210	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	1315458	267.958	ug/L	98
22) 2-Butanone	3.876	43	284706	103.762	ug/L	100
23) Bromochloromethane	4.137	128	124275	51.570	ug/L	97
25) Chloroform	4.269	83	448712	50.218	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	364547	55.618	ug/L	96
29) Cyclohexane	4.568	56	382498	52.052	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	389329	54.140	ug/L	99
31) Carbon tetrachloride	4.725	117	323848	53.370	ug/L	98
33) Benzene	5.002	78	951485	52.754	ug/L	100
34) Trichloroethene	5.825	95	251135	52.753	ug/L	99
35) Methylcyclohexane	6.040	83	404530	52.301	ug/L	98
37) 1,2-Dichloropropane	6.088	63	244495	50.564	ug/L	100
38) Bromodichloromethane	6.429	83	331007	53.410	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	411418	53.917	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	615318	125.170	ug/L	99
42) Toluene	7.310	91	1025921	54.631	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	371696	54.497	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	240549	53.441	ug/L	98
46) Tetrachloroethene	7.902	164	179488	52.548	ug/L	97
48) 2-Hexanone	8.075	43	448159	117.880	ug/L	100
49) Dibromochloromethane	8.172	129	240973	53.465	ug/L	100
50) 1,2-Dibromoethane	8.278	107	254603	55.897	ug/L	99
51) Chlorobenzene	8.809	112	647663	52.095	ug/L	98
52) Ethylbenzene	8.940	91	1156094	54.502	ug/L	99
53) m,p-Xylene	9.069	106	432184	54.991	ug/L	98
54) o-Xylene	9.474	106	415023	53.934	ug/L	97
55) Styrene	9.490	104	730864	54.737	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	379974	56.998	ug/L	97
59) Bromoform	9.661	173	163961	55.943	ug/L	98
60) Isopropylbenzene	9.863	105	1154136	56.562	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	284722	58.151	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	948483	56.815	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	953652	57.241	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	500202	53.088	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	514784	53.382	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	492060	53.113	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	79471	65.084	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	347510	53.006	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	334247	54.143	ug/L	100
71) Naphthalene	13.432	128	1148731	64.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	333256	54.778	ug/L	98

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

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