

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081624\
 Data File : VW036962.D
 Acq On : 16 Aug 2024 17:48
 Operator : SY/MD
 Sample : P3648-08MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MS

Quant Time: Aug 16 23:10:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	605380	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	589124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	299312	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	223629	46.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.500%
7) Chloroethane-d5	1.529	69	183737	48.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.380%
11) 1,1-Dichloroethene-d2	2.056	65	101471	49.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.120%
21) 2-Butanone-d5	3.799	46	233619	91.191	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.190%
24) Chloroform-d	4.243	84	440024	50.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
26) 1,2-Dichloroethane-d4	4.937	65	274134	49.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.280%
32) Benzene-d6	4.953	84	866333	48.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	5.985	67	277045	48.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	7.239	98	789234	48.353	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.700%
43) trans-1,3-Dichloroprop...	7.551	79	125663	42.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.120%
47) 2-Hexanone-d5	8.027	63	165535	100.290	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.290%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	339002	51.432	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.860%
66) 1,2-Dichlorobenzene-d4	11.557	152	291499	47.793	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	248681	51.519	ug/L	99
3) Chloromethane	1.217	50	262052	51.875	ug/L	98
5) Vinyl chloride	1.281	62	268704	51.796	ug/L	97
6) Bromomethane	1.484	94	163960	50.199	ug/L	98
8) Chloroethane	1.548	64	166400	51.783	ug/L	100
9) Trichlorofluoromethane	1.712	101	356347	52.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	210828	52.654	ug/L	99
12) 1,1-Dichloroethene	2.066	96	195667	51.167	ug/L	91
13) Acetone	2.114	43	189591	88.451	ug/L	100
14) Carbon disulfide	2.236	76	515168	42.886	ug/L	98
15) Methyl Acetate	2.371	43	217780	49.321	ug/L	98
16) Methylene chloride	2.442	84	228450	53.139	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	206034	52.014	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	718231	51.482	ug/L	99
19) 1,1-Dichloroethane	3.104	63	432079	53.990	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	240606	51.751	ug/L	95
22) 2-Butanone	3.879	43	284910	99.221	ug/L	99
23) Bromochloromethane	4.140	128	121248	53.687	ug/L	94
25) Chloroform	4.272	83	438040	53.291	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	333229	51.395	ug/L	99
29) Cyclohexane	4.571	56	346395	46.148	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	358665	48.323	ug/L	99
31) Carbon tetrachloride	4.725	117	298420	47.875	ug/L	99
33) Benzene	5.005	78	901265	51.148	ug/L	100
34) Trichloroethene	5.828	95	246494	48.268	ug/L	96
35) Methylcyclohexane	6.043	83	353127	45.063	ug/L	98
37) 1,2-Dichloropropane	6.091	63	245382	52.568	ug/L	99
38) Bromodichloromethane	6.429	83	316080	49.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	370704	46.371	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	600686	103.882	ug/L	99
42) Toluene	7.310	91	940825	50.128	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	343025	46.047	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	238167	52.686	ug/L	99
46) Tetrachloroethene	7.902	164	162798	48.601	ug/L	99
48) 2-Hexanone	8.075	43	441065	103.684	ug/L	99
49) Dibromochloromethane	8.172	129	230375	49.592	ug/L	100
50) 1,2-Dibromoethane	8.278	107	244379	52.105	ug/L	99
51) Chlorobenzene	8.812	112	614462	51.025	ug/L	98
52) Ethylbenzene	8.943	91	1062566	49.583	ug/L	100
53) m,p-Xylene	9.069	106	389779	48.659	ug/L	95
54) o-Xylene	9.474	106	390081	49.789	ug/L	100
55) Styrene	9.493	104	688680	51.293	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	342553	56.160	ug/L	98
59) Bromoform	9.660	173	153657	46.405	ug/L	98
60) Isopropylbenzene	9.863	105	1068400	49.030	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	277688	51.537	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	853843	47.066	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	867158	47.750	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	472144	50.386	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481391	50.519	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	467460	51.079	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	70116	45.032	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	325835	48.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	300598	47.132	ug/L	99
71) Naphthalene	13.435	128	973721	47.610	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	305768	48.978	ug/L	100

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

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