

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034544.D
 Acq On : 11 Mar 2024 15:40
 Operator : SY/MD
 Sample : P1637-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCNR0MSD

Quant Time: Mar 12 01:33:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313327	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86250	31.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.500%		
7) Chloroethane-d5	1.526	69	80244	37.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.840%		
11) 1,1-Dichloroethene-d2	2.056	65	41042	33.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.820%		
21) 2-Butanone-d5	3.780	46	200502	110.382	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.380%		
24) Chloroform-d	4.246	84	208650	43.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.900%		
26) 1,2-Dichloroethane-d4	4.940	65	136422	43.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.940%		
32) Benzene-d6	4.957	84	354660	39.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.580%		
36) 1,2-Dichloropropane-d6	5.985	67	116020	42.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.300%		
41) Toluene-d8	7.239	98	314132	38.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.880%#		
43) trans-1,3-Dichloroprop...	7.551	79	59016	43.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.400%		
47) 2-Hexanone-d5	8.021	63	142496	104.902	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.900%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	170522	47.634	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.260%		
66) 1,2-Dichlorobenzene-d4	11.561	152	129483	41.704	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	152562	46.420	ug/L	98
3) Chloromethane	1.214	50	149299	46.231	ug/L	100
5) Vinyl chloride	1.281	62	147584	47.079	ug/L	98
6) Bromomethane	1.478	94	91414	48.602	ug/L	99
8) Chloroethane	1.542	64	89667	48.124	ug/L	99
9) Trichlorofluoromethane	1.709	101	219310	46.717	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	118059	46.661	ug/L	99
12) 1,1-Dichloroethene	2.066	96	106247	45.285	ug/L	94
13) Acetone	2.108	43	141856	64.963	ug/L	99
14) Carbon disulfide	2.236	76	311011	47.765	ug/L	99
15) Methyl Acetate	2.368	43	148789	53.260	ug/L	99
16) Methylene chloride	2.442	84	122387	49.177	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	111319	49.021	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	412821	50.622	ug/L	100
19) 1,1-Dichloroethane	3.108	63	225835	50.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	125849	51.078	ug/L	97
22) 2-Butanone	3.860	43	188862	87.586	ug/L	96
23) Bromochloromethane	4.146	128	64009	50.240	ug/L	95
25) Chloroform	4.272	83	229420	49.757	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	188563	50.336	ug/L	98
29) Cyclohexane	4.580	56	189602	48.807	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	206855	48.842	ug/L	99
31) Carbon tetrachloride	4.731	117	183576	48.958	ug/L	99
33) Benzene	5.008	78	451946	49.299	ug/L	100
34) Trichloroethene	5.831	95	125966	48.339	ug/L	98
35) Methylcyclohexane	6.047	83	194841	49.182	ug/L	99
37) 1,2-Dichloropropane	6.092	63	122082	50.864	ug/L	100
38) Bromodichloromethane	6.429	83	168262	49.840	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	200926	51.669	ug/L	95
40) 4-Methyl-2-pentanone	7.153	43	379222	107.151	ug/L	100
42) Toluene	7.313	91	484666	49.953	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	189716	50.726	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	119973	51.806	ug/L	99
46) Tetrachloroethene	7.902	164	95529	49.293	ug/L	100
48) 2-Hexanone	8.072	43	291936	103.518	ug/L	99
49) Dibromochloromethane	8.175	129	124756	51.050	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124795	50.783	ug/L	100
51) Chlorobenzene	8.812	112	310589	49.517	ug/L	99
52) Ethylbenzene	8.944	91	544062	50.045	ug/L	100
53) m,p-Xylene	9.072	106	201867	48.932	ug/L	99
54) o-Xylene	9.477	106	197287	48.837	ug/L	99
55) Styrene	9.493	104	344729	50.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	173360	49.841	ug/L	100
59) Bromoform	9.664	173	84805	50.356	ug/L	99
60) Isopropylbenzene	9.866	105	540847	50.344	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	150983	52.071	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	454404	50.143	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	455646	50.837	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	244182	49.160	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	243681	48.310	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	247113	49.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	45892	53.132	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	178472	47.896	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	164911	49.184	ug/L	100
71) Naphthalene	13.439	128	494168	55.098	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	164499	50.291	ug/L	98

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

