

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034850.D
 Acq On : 27 Mar 2024 00:15
 Operator : SY/MD
 Sample : P1852-06MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0LY4MSD

Quant Time: Mar 27 01:41:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	382165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	372005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	192398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149234	40.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.860%
7) Chloroethane-d5	1.532	69	132639	41.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.060	65	66707	41.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.460%
21) 2-Butanone-d5	3.786	46	175363	80.114	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.110%
24) Chloroform-d	4.249	84	268350	43.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.480%
26) 1,2-Dichloroethane-d4	4.941	65	167125	42.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.840%
32) Benzene-d6	4.960	84	526009	42.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.180%
36) 1,2-Dichloropropane-d6	5.985	67	169657	42.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.520%
41) Toluene-d8	7.243	98	476602	42.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
43) trans-1,3-Dichloroprop...	7.551	79	80286	41.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.240%
47) 2-Hexanone-d5	8.021	63	122649	81.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.750%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	235059	43.017	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	176981	40.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	123164	44.466	ug/L	99
3) Chloromethane	1.214	50	155838	43.764	ug/L	99
5) Vinyl chloride	1.285	62	186598	49.986	ug/L	98
6) Bromomethane	1.487	94	133305	47.639	ug/L	98
8) Chloroethane	1.548	64	113124	44.371	ug/L	99
9) Trichlorofluoromethane	1.712	101	222747	45.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	127285	42.444	ug/L	99
12) 1,1-Dichloroethene	2.069	96	130553	45.518	ug/L	94
13) Acetone	2.114	43	124880	62.142	ug/L	99
14) Carbon disulfide	2.243	76	351649	43.537	ug/L	99
15) Methyl Acetate	2.371	43	132228	41.754	ug/L	98
16) Methylene chloride	2.445	84	141901	45.660	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	128170	46.221	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	451134	46.318	ug/L	100
19) 1,1-Dichloroethane	3.111	63	260694	45.844	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	166062	52.737	ug/L	94
22) 2-Butanone	3.867	43	170514	73.122	ug/L	98
23) Bromochloromethane	4.146	128	75631	48.006	ug/L	94
25) Chloroform	4.275	83	263389	46.849	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	208353	46.546	ug/L	100
29) Cyclohexane	4.580	56	208712	44.795	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	221348	45.647	ug/L	99
31) Carbon tetrachloride	4.735	117	187661	45.660	ug/L	100
33) Benzene	5.008	78	552713	45.564	ug/L	100
34) Trichloroethene	5.831	95	141461	43.211	ug/L	98
35) Methylcyclohexane	6.050	83	200592	40.572	ug/L	99
37) 1,2-Dichloropropane	6.092	63	151304	45.134	ug/L	100
38) Bromodichloromethane	6.432	83	199501	46.124	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	240057	45.457	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	371623	86.826	ug/L	99
42) Toluene	7.313	91	586191	46.157	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	226096	46.601	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	147034	46.534	ug/L	97
46) Tetrachloroethene	7.905	164	95748	41.863	ug/L	99
48) 2-Hexanone	8.072	43	294312	80.849	ug/L	97
49) Dibromochloromethane	8.175	129	145462	46.482	ug/L	98
50) 1,2-Dibromoethane	8.281	107	156630	46.044	ug/L	99
51) Chlorobenzene	8.812	112	377385	45.849	ug/L	100
52) Ethylbenzene	8.944	91	640454	45.503	ug/L	100
53) m,p-Xylene	9.072	106	234429	45.227	ug/L	98
54) o-Xylene	9.477	106	235634	45.945	ug/L	97
55) Styrene	9.493	104	404072	46.623	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	239616	46.805	ug/L	99
59) Bromoform	9.664	173	99319	45.046	ug/L	99
60) Isopropylbenzene	9.866	105	631013	45.494	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	185927	44.596	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	398721	44.263	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	502145	45.087	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	280831	43.326	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	285104	43.253	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	287557	44.534	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	49365	42.978	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	183579	39.298	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	182205	42.461	ug/L	99
71) Naphthalene	13.435	128	586446	49.259	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	194445	45.970	ug/L	100

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

