

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040524\
 Data File : VW035038.D
 Acq On : 06 Apr 2024 05:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050318

Quant Time: Apr 06 05:46:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	288790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	145712	50.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.740%
7) Chloroethane-d5	1.532	69	118671	47.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.057	65	60788	48.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.820%
21) 2-Butanone-d5	3.793	46	217430	127.987	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.990%
24) Chloroform-d	4.246	84	243602	50.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.160%
26) 1,2-Dichloroethane-d4	4.937	65	152703	49.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
32) Benzene-d6	4.957	84	485883	50.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
36) 1,2-Dichloropropane-d6	5.986	67	153535	49.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	7.240	98	435017	49.795	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.580%
43) trans-1,3-Dichloroprop...	7.551	79	69647	46.508	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.020%
47) 2-Hexanone-d5	8.024	63	130125	111.729	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.730%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230819	54.413	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.820%
66) 1,2-Dichlorobenzene-d4	11.558	152	151161	48.034	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	107526	50.019	ug/L	100
3) Chloromethane	1.214	50	129838	46.981	ug/L	100
5) Vinyl chloride	1.285	62	139054	47.996	ug/L #	37
6) Bromomethane	1.491	94	95530	43.988	ug/L	99
8) Chloroethane	1.545	64	90470	45.722	ug/L	93
9) Trichlorofluoromethane	1.709	101	197350	51.899	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	123610	53.110	ug/L	99
12) 1,1-Dichloroethene	2.066	96	109219	49.065	ug/L	98
13) Acetone	2.124	43	168461	108.011	ug/L	99
14) Carbon disulfide	2.240	76	281138	44.848	ug/L	100
15) Methyl Acetate	2.375	43	183227	74.549	ug/L	99
16) Methylene chloride	2.446	84	140095	58.083	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	112630	52.334	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	440107	58.221	ug/L	98
19) 1,1-Dichloroethane	3.108	63	258173	58.498	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	137133	56.113	ug/L	98
22) 2-Butanone	3.873	43	248206	137.144	ug/L	97
23) Bromochloromethane	4.146	128	70325	57.516	ug/L	96
25) Chloroform	4.272	83	253644	58.130	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	200357	57.672	ug/L	99
29) Cyclohexane	4.581	56	195181	53.961	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	208254	55.322	ug/L	99
31) Carbon tetrachloride	4.732	117	177086	55.502	ug/L	100
33) Benzene	5.008	78	522520	55.487	ug/L	100
34) Trichloroethene	5.831	95	129546	50.974	ug/L	98
35) Methylcyclohexane	6.047	83	197025	51.333	ug/L	99
37) 1,2-Dichloropropane	6.092	63	154050	59.195	ug/L	100
38) Bromodichloromethane	6.429	83	192560	57.348	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	221341	53.990	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	461247	138.818	ug/L	100
42) Toluene	7.314	91	544274	55.206	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	206958	54.948	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	144832	59.045	ug/L	98
46) Tetrachloroethene	7.902	164	93435	52.623	ug/L	98
48) 2-Hexanone	8.076	43	384658	136.115	ug/L	100
49) Dibromochloromethane	8.172	129	144745	59.580	ug/L	99
50) 1,2-Dibromoethane	8.278	107	154420	58.474	ug/L	99
51) Chlorobenzene	8.812	112	374315	58.580	ug/L	99
52) Ethylbenzene	8.944	91	587368	53.756	ug/L	100
53) m,p-Xylene	9.069	106	215057	53.445	ug/L	99
54) o-Xylene	9.474	106	218739	54.940	ug/L	97
55) Styrene	9.494	104	372521	55.368	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	261247	65.735	ug/L	98
59) Bromoform	9.664	173	112826	70.242	ug/L	99
60) Isopropylbenzene	9.863	105	580497	57.448	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	205434	67.638	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	371786	56.653	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	459472	56.629	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	260808	55.231	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	289351	60.256	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	290245	61.701	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	56725	67.790	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	171100	50.276	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	160590	51.370	ug/L	99
71) Naphthalene	13.435	128	473887	54.639	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	158605	51.470	ug/L	99

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

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