

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032924\
 Data File : VV034911.D
 Acq On : 29 Mar 2024 17:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050311

Quant Time: Mar 30 02:16:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	350298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341861	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137226	40.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.120%
7) Chloroethane-d5	1.529	69	126692	43.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.240%
11) 1,1-Dichloroethene-d2	2.060	65	65021	43.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
21) 2-Butanone-d5	3.789	46	163532	81.505	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.510%
24) Chloroform-d	4.249	84	244419	42.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
26) 1,2-Dichloroethane-d4	4.940	65	148148	41.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.040%
32) Benzene-d6	4.960	84	480511	41.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.680%
36) 1,2-Dichloropropane-d6	5.989	67	148237	40.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.300%
41) Toluene-d8	7.243	98	432914	41.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	7.551	79	70793	39.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.860%
47) 2-Hexanone-d5	8.024	63	105956	76.853	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.850%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	213408	42.499	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	161007	41.020	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	105910	41.715	ug/L	99
3) Chloromethane	1.217	50	122752	37.609	ug/L	98
5) Vinyl chloride	1.285	62	138852	40.580	ug/L	100
6) Bromomethane	1.484	94	111941	43.644	ug/L	98
8) Chloroethane	1.545	64	97208	41.597	ug/L	100
9) Trichlorofluoromethane	1.712	101	199512	44.425	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	125843	45.781	ug/L	97
12) 1,1-Dichloroethene	2.069	96	115717	44.016	ug/L	91
13) Acetone	2.117	43	137567	74.682	ug/L	99
14) Carbon disulfide	2.240	76	269957	36.463	ug/L	100
15) Methyl Acetate	2.375	43	125575	43.260	ug/L	97
16) Methylene chloride	2.445	84	128774	45.206	ug/L	92
17) trans-1,2-Dichloroethene	2.693	96	109410	43.045	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	392405	43.953	ug/L	100
19) 1,1-Dichloroethane	3.111	63	231936	44.498	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	128868	44.648	ug/L	95
22) 2-Butanone	3.870	43	167276	78.259	ug/L	96
23) Bromochloromethane	4.149	128	66618	46.132	ug/L	93
25) Chloroform	4.275	83	235077	45.617	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	184598	44.991	ug/L	100
29) Cyclohexane	4.584	56	171037	39.946	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	195566	43.887	ug/L	99
31) Carbon tetrachloride	4.735	117	167435	44.331	ug/L	99
33) Benzene	5.011	78	482645	43.296	ug/L	100
34) Trichloroethene	5.831	95	128841	42.826	ug/L	99
35) Methylcyclohexane	6.050	83	188382	41.462	ug/L	98
37) 1,2-Dichloropropane	6.092	63	137273	44.559	ug/L	100
38) Bromodichloromethane	6.432	83	176431	44.387	ug/L	95
39) cis-1,3-Dichloropropene	6.953	75	211931	43.670	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	348534	88.611	ug/L	100
42) Toluene	7.313	91	512781	43.937	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	198920	44.615	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	133251	45.891	ug/L	99
46) Tetrachloroethene	7.905	164	92337	43.932	ug/L	98
48) 2-Hexanone	8.072	43	276454	82.639	ug/L	96
49) Dibromochloromethane	8.175	129	129396	44.994	ug/L	100
50) 1,2-Dibromoethane	8.281	107	138921	44.439	ug/L	97
51) Chlorobenzene	8.812	112	339891	44.935	ug/L	100
52) Ethylbenzene	8.943	91	565708	43.736	ug/L	99
53) m,p-Xylene	9.072	106	208358	43.742	ug/L	100
54) o-Xylene	9.477	106	206519	43.819	ug/L	99
55) Styrene	9.493	104	360247	45.231	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	216693	46.060	ug/L	99
59) Bromoform	9.664	173	92354	46.099	ug/L	99
60) Isopropylbenzene	9.866	105	560704	44.490	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	174124	45.965	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	361007	44.106	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	450985	44.565	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	259976	44.142	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	272353	45.473	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	274260	46.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	46663	44.711	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	186312	43.893	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	172991	44.368	ug/L	99
71) Naphthalene	13.438	128	438226	40.511	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	175879	45.762	ug/L	100

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

