

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037044.D
 Acq On : 26 Aug 2024 21:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050371

Quant Time: Aug 27 03:15:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	640422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	613506	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	277573	47.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.529	69	218559	48.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.540%
11) 1,1-Dichloroethene-d2	2.056	65	119791	48.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.300%
21) 2-Butanone-d5	3.793	46	252195	111.166	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.170%
24) Chloroform-d	4.243	84	455519	49.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
26) 1,2-Dichloroethane-d4	4.937	65	291044	50.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	4.953	84	922373	49.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	5.986	67	291963	50.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	7.236	98	834984	49.928	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
43) trans-1,3-Dichloroprop...	7.548	79	131372	48.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.860%
47) 2-Hexanone-d5	8.024	63	189289	119.501	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	371941	52.840	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	303558	48.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	275731	50.950	ug/L	100
3) Chloromethane	1.217	50	308254	50.647	ug/L	100
5) Vinyl chloride	1.282	62	299832	52.477	ug/L	100
6) Bromomethane	1.484	94	172505	53.882	ug/L	99
8) Chloroethane	1.548	64	180882	51.757	ug/L	100
9) Trichlorofluoromethane	1.712	101	396040	53.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	229385	51.724	ug/L	99
12) 1,1-Dichloroethene	2.066	96	219477	52.529	ug/L	88
13) Acetone	2.111	43	180303	74.105	ug/L	99
14) Carbon disulfide	2.236	76	638411	50.332	ug/L	100
15) Methyl Acetate	2.372	43	235351	57.697	ug/L	100
16) Methylene chloride	2.442	84	252788	53.624	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	230079	53.045	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	748465	54.855	ug/L	100
19) 1,1-Dichloroethane	3.105	63	461599	53.588	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	247767	51.695	ug/L	98
22) 2-Butanone	3.876	43	263198	98.251	ug/L	99
23) Bromochloromethane	4.140	128	126641	53.826	ug/L	96
25) Chloroform	4.272	83	457592	52.454	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	340888	53.271	ug/L	98
29) Cyclohexane	4.571	56	377966	52.397	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	373034	52.844	ug/L	100
31) Carbon tetrachloride	4.725	117	313072	52.559	ug/L	98
33) Benzene	5.002	78	953639	53.862	ug/L	100
34) Trichloroethene	5.828	95	245261	52.483	ug/L	98
35) Methylcyclohexane	6.043	83	392553	51.701	ug/L	99
37) 1,2-Dichloropropane	6.088	63	251759	53.040	ug/L	99
38) Bromodichloromethane	6.429	83	325425	53.491	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	391967	52.328	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	570298	118.181	ug/L	99
42) Toluene	7.310	91	998000	54.138	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	352254	52.612	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	242481	54.877	ug/L	100
46) Tetrachloroethene	7.899	164	175177	52.244	ug/L	97
48) 2-Hexanone	8.075	43	410138	109.896	ug/L	97
49) Dibromochloromethane	8.172	129	236688	53.496	ug/L	99
50) 1,2-Dibromoethane	8.278	107	246121	55.045	ug/L	99
51) Chlorobenzene	8.809	112	646333	52.960	ug/L	99
52) Ethylbenzene	8.940	91	1116943	53.641	ug/L	100
53) m,p-Xylene	9.069	106	419015	54.312	ug/L	98
54) o-Xylene	9.474	106	409967	54.273	ug/L	98
55) Styrene	9.490	104	716763	54.685	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	366588	56.018	ug/L	100
59) Bromoform	9.661	173	157657	54.259	ug/L	99
60) Isopropylbenzene	9.863	105	1097168	54.237	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	273169	56.276	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	903175	54.570	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	913358	55.298	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	492603	52.735	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	498086	52.098	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	481185	52.389	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	67047	55.386	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	334002	51.388	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	316658	51.739	ug/L	100
71) Naphthalene	13.432	128	1016172	57.499	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	323301	53.603	ug/L	99

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

