

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037019.D
 Acq On : 26 Aug 2024 11:43
 Operator : SY/MD
 Sample : VSTD00571
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005271

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 01:06:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	640653	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	611027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	296153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34093	5.817	ug/L	0.00
7) Chloroethane-d5	1.532	69	26951	5.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	14026	5.694	ug/L	0.00
21) 2-Butanone-d5	3.818	46	26646m	12.373	ug/L	0.03
24) Chloroform-d	4.249	84	52215	5.693	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	32790	5.677	ug/L	0.00
32) Benzene-d6	4.960	84	105441	5.713	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	33592	5.811	ug/L	0.00
41) Toluene-d8	7.246	98	90188	5.415	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	14761	5.520	ug/L	0.02
47) 2-Hexanone-d5	8.043	63	16083m	10.553	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	40769	5.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	35478	5.981	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	12474	2.304	ug/L	98
3) Chloromethane	1.217	50	15010	2.465	ug/L	98
5) Vinyl chloride	1.282	62	12874	2.252	ug/L	89
6) Bromomethane	1.487	94	7913	2.471	ug/L	99
8) Chloroethane	1.548	64	7753	2.218	ug/L	99
9) Trichlorofluoromethane	1.712	101	16852	2.259	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	11490	2.590	ug/L	97
12) 1,1-Dichloroethene	2.069	96	10540	2.522	ug/L #	43
13) Acetone	2.114	43	10704	4.507	ug/L	90
14) Carbon disulfide	2.240	76	38328	3.021	ug/L	96
15) Methyl Acetate	2.372	43	10197	2.499	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	11667	2.689	ug/L	88
18) Methyl tert-butyl Ether	2.706	73	30742	2.252	ug/L	97
19) 1,1-Dichloroethane	3.108	63	20388	2.366	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	10920	2.278	ug/L	94
22) 2-Butanone	3.915	43	13664m	5.294	ug/L	
23) Bromochloromethane	4.150	128	5159	2.192	ug/L	95
27) 1,2-Dichloroethane	5.053	62	13325	2.093	ug/L	98
29) Cyclohexane	4.574	56	16950	2.359	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	15322	2.179	ug/L	98
31) Carbon tetrachloride	4.735	117	13198m	2.225	ug/L	
33) Benzene	5.011	78	40165	2.278	ug/L	100
34) Trichloroethene	5.841	95	11307	2.429	ug/L	96
35) Methylcyclohexane	6.047	83	16500	2.201	ug/L	97
37) 1,2-Dichloropropane	6.101	63	9956	2.104	ug/L #	96
38) Bromodichloromethane	6.436	83	12573	2.075	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	14499	1.969	ug/L	100
40) 4-Methyl-2-pentanone	7.175	43	22561m	4.831	ug/L	
42) Toluene	7.323	91	39761	2.166	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	13227	2.010	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	10219	2.322	ug/L	96
46) Tetrachloroethene	7.905	164	8175	2.448	ug/L	91

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

48) 2-Hexanone	8.095	43	20623m	5.717	ug/L	
49) Dibromochloromethane	8.178	129	9441	2.142	ug/L	90
50) 1,2-Dibromoethane	8.288	107	9619	2.160	ug/L #	91
51) Chlorobenzene	8.815	112	29067	2.391	ug/L	93
52) Ethylbenzene	8.950	91	44706	2.156	ug/L	100
53) m,p-Xylene	9.075	106	15515	2.019	ug/L	94
54) o-Xylene	9.477	106	15593	2.073	ug/L	93
55) Styrene	9.503	104	25318	1.952	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	14358	2.203	ug/L #	97
59) Bromoform	9.667	173	5972	2.163	ug/L	97
60) Isopropylbenzene	9.863	105	42288	2.203	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11096	2.409	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	33998	2.164	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	31490	2.009	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	22334	2.519	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	24195	2.666	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	22849	2.621	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	2663	2.318	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	16489	2.673	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	16299	2.806	ug/L	96
71) Naphthalene	13.439	128	61062	3.640	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	16632	2.905	ug/L	95

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

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[illegible]