

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV011725\
 Data File : VV038446.D
 Acq On : 17 Jan 2025 10:40
 Operator : SY/MD
 Sample : VSTD0.523
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5223

Quant Time: Jan 18 01:40:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 01:29:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	194122	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	204099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	92206	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7140	0.446	ug/L	0.00
7) Chloroethane-d5	1.532	69	6314	0.470	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3559	0.493	ug/L	0.00
20) 2-Butanone-d5	3.921	46	13264m	4.149	ug/L	0.12
24) Chloroform-d	4.252	84	13927	0.464	ug/L	0.02
26) 1,2-Dichloroethane-d4	4.960	65	6627m	0.482	ug/L	0.03
32) Benzene-d6	4.969	84	22648	0.403	ug/L	0.02
36) 1,2-Dichloropropane-d6	5.995	67	7473m	0.422	ug/L	0.02
41) Toluene-d8	7.246	98	19032	0.377	ug/L	0.01
43) trans-1,3-Dichloroprop...	7.577	79	2390m	0.386	ug/L	0.03
46) 2-Hexanone-d5	8.063	63	8119m	3.445	ug/L	0.04
56) 1,1,2,2-Tetrachloroeth...	10.149	84	5656	0.418	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	7072	0.453	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	11771	0.541	ug/L	97
3) Chloromethane	1.214	50	12582	0.566	ug/L	95
5) Vinyl chloride	1.281	62	11890	0.529	ug/L	100
6) Bromomethane	1.487	94	6159	0.548	ug/L	92
8) Chloroethane	1.548	64	7044	0.482	ug/L	96
9) Trichlorofluoromethane	1.712	101	15730	0.550	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8384	0.513	ug/L #	91
12) 1,1-Dichloroethene	2.066	96	8816	0.548	ug/L	91
13) Acetone	2.143	43	14997m	5.735	ug/L	
14) Carbon disulfide	2.236	76	28507	0.527	ug/L	99
15) Methyl Acetate	2.410	43	3809m	0.570	ug/L	
16) Methylene chloride	2.445	84	9876	0.554	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	16122	0.476	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	8538	0.516	ug/L	93
19) 1,1-Dichloroethane	3.108	63	16439	0.522	ug/L	90
21) 2-Butanone	3.966	43	16178m	4.713	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	8501	0.505	ug/L	86
23) Bromochloromethane	4.156	128	3756	0.491	ug/L	88
25) Chloroform	4.275	83	16215	0.521	ug/L	94
27) 1,2-Dichloroethane	5.059	62	8660m	0.500	ug/L	
29) 1,1,1-Trichloroethane	4.503	97	14150	0.521	ug/L	98
30) Cyclohexane	4.577	56	10922	0.442	ug/L	95
31) Carbon tetrachloride	4.728	117	12453	0.519	ug/L	98
33) Benzene	5.014	78	29809	0.460	ug/L	100
34) Trichloroethene	5.841	95	8218	0.488	ug/L	93
35) Methylcyclohexane	6.043	83	11564	0.450	ug/L	94
37) 1,2-Dichloropropane	6.101	63	7819m	0.467	ug/L	
38) Bromodichloromethane	6.439	83	10654	0.491	ug/L #	94
39) cis-1,3-Dichloropropene	6.966	75	9741	0.422	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	35545m	4.324	ug/L	
42) Toluene	7.317	91	27733	0.411	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	8427m	0.438	ug/L	

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45) 1,1,2-Trichloroethane	7.770	97	5766	0.479	ug/L	85
47) Tetrachloroethene	7.905	164	6402	0.491	ug/L	96
48) 2-Hexanone	8.098	43	24378m	4.120	ug/L	
49) Dibromochloromethane	8.175	129	6382	0.461	ug/L	74
50) 1,2-Dibromoethane	8.288	107	5080	0.454	ug/L #	90
51) Chlorobenzene	8.812	112	22448	0.494	ug/L	98
52) Ethylbenzene	8.947	91	31424	0.432	ug/L	99
53) m,p-Xylene	9.075	106	11867m	0.441	ug/L	
54) o-Xylene	9.477	106	10450	0.398	ug/L	98
55) Styrene	9.500	104	17869m	0.395	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	7233	0.493	ug/L	90
59) Bromoform	9.670	173	3287	0.511	ug/L #	98
60) Isopropylbenzene	9.860	105	28144	0.454	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	4777	0.539	ug/L	96
62) 1,3,5-Trimethylbenzene	10.471	105	20919	0.431	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	20385	0.420	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	15260	0.496	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	17508	0.550	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	14453	0.501	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	895	0.489	ug/L	85
69) 1,3,5-Trichlorobenzene	12.580	180	10770	0.509	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	6657m	0.426	ug/L	
71) Naphthalene	13.451	128	9945m	0.440	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	5669	0.417	ug/L	96

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

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