

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012225\
 Data File : VV038508.D
 Acq On : 22 Jan 2025 18:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

Quant Time: Jan 23 01:43:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	206785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	116961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58938	3.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	55838	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.053	65	29106	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.857	46	155969	43.797	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.600%
24) Chloroform-d	4.240	84	137694	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.937	65	63958	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.950	84	250222	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.982	67	76215	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.233	98	230061	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.551	79	28530	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.024	63	106923	42.799	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.600%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	68300	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	85190	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	111921	4.867	ug/L	99
3) Chloromethane	1.214	50	111087	4.721	ug/L	100
5) Vinyl chloride	1.282	62	112113	4.715	ug/L	99
6) Bromomethane	1.487	94	59446	4.998	ug/L	95
8) Chloroethane	1.548	64	66175	4.645	ug/L	99
9) Trichlorofluoromethane	1.709	101	151674	5.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	89742	5.188	ug/L	99
12) 1,1-Dichloroethene	2.066	96	81832	4.806	ug/L	94
13) Acetone	2.191	43	110514	39.884	ug/L	67
14) Carbon disulfide	2.236	76	267351	4.674	ug/L	99
15) Methyl Acetate	2.394	43	37485m	5.295	ug/L	
16) Methylene chloride	2.442	84	89576	4.747	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	165476	4.619	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	84661	4.837	ug/L	97
19) 1,1-Dichloroethane	3.105	63	162215	4.869	ug/L	100
21) 2-Butanone	3.934	43	178649m	45.451	ug/L	
22) cis-1,2-Dichloroethene	3.809	96	84161	4.729	ug/L	95
23) Bromochloromethane	4.140	128	38672	4.776	ug/L	96
25) Chloroform	4.269	83	159824	4.853	ug/L	96

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27) 1,2-Dichloroethane	5.037	62	91082	4.973	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	141108	5.133	ug/L	96
30) Cyclohexane	4.571	56	126761	5.062	ug/L	97
31) Carbon tetrachloride	4.725	117	123769	5.093	ug/L	97
33) Benzene	5.002	78	336734	5.128	ug/L	100
34) Trichloroethene	5.828	95	88609	5.193	ug/L	97
35) Methylcyclohexane	6.040	83	130968	5.035	ug/L	97
37) 1,2-Dichloropropane	6.085	63	83006	4.895	ug/L	99
38) Bromodichloromethane	6.426	83	108041	4.913	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	114138	4.883	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	447866	51.045	ug/L	99
42) Toluene	7.307	91	369769	5.403	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98812	4.989	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	63149	5.177	ug/L	99
47) Tetrachloroethene	7.895	164	68284	5.170	ug/L	97
48) 2-Hexanone	8.072	43	321613	50.626	ug/L	98
49) Dibromochloromethane	8.166	129	70289	5.006	ug/L	94
50) 1,2-Dibromoethane	8.275	107	60322	5.315	ug/L	97
51) Chlorobenzene	8.805	112	235425	5.112	ug/L	99
52) Ethylbenzene	8.937	91	376573	5.116	ug/L	99
53) m,p-Xylene	9.063	106	146957	5.266	ug/L	93
54) o-Xylene	9.468	106	138097	5.193	ug/L	100
55) Styrene	9.487	104	251271	5.419	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	76453	5.147	ug/L	99
59) Bromoform	9.657	173	35627	4.368	ug/L	93
60) Isopropylbenzene	9.857	105	376850	4.789	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51947	4.623	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	285212	4.628	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	291582	4.737	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	190572	4.881	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	193849	4.802	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	175052	4.788	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	8964	3.859	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.574	180	123673	4.605	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	87293	4.374	ug/L	98
71) Naphthalene	13.432	128	106428	3.600	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	78749	4.563	ug/L	97

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

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