

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057517.D
 Acq On : 15 Jan 2024 09:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Jan 16 00:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	133690	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.914	69	111601	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.563	65	57610	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.644	46	265597	44.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	5.055	84	249390	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.698	65	121263	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	478118	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.685	67	150272	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	419225	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.177	79	52356	4.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.630	63	155488	38.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86338	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	122572	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	109286	5.281	ug/L	99
3) Chloromethane	1.518	50	118861	4.472	ug/L	98
5) Vinyl chloride	1.605	62	121716	5.144	ug/L	99
6) Bromomethane	1.859	94	61236	4.444	ug/L	95
8) Chloroethane	1.936	64	76738	5.201	ug/L	100
9) Trichlorofluoromethane	2.139	101	170521	5.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	109716	5.300	ug/L	99
12) 1,1-Dichloroethene	2.579	96	95623	5.218	ug/L	84
13) Acetone	2.663	43	158232	43.729	ug/L	98
14) Carbon disulfide	2.792	76	265181	5.179	ug/L	100
15) Methyl Acetate	2.962	43	37621	4.599	ug/L	98
16) Methylene chloride	3.042	84	111119	4.484	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	220132	4.842	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	95277	5.239	ug/L	97
19) 1,1-Dichloroethane	3.865	63	213067	5.191	ug/L	99
21) 2-Butanone	4.721	43	248754	48.597	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	111040	5.244	ug/L	96
23) Bromochloromethane	4.971	128	45612	5.017	ug/L	98
25) Chloroform	5.084	83	219680	5.162	ug/L	99

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 VSTD00515

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127596	4.978	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	185793	5.286	ug/L	99
30) Cyclohexane	5.383	56	149556	5.231	ug/L	100
31) Carbon tetrachloride	5.518	117	155973	5.373	ug/L	97
33) Benzene	5.769	78	445818	5.325	ug/L	100
34) Trichloroethene	6.537	95	113490	5.161	ug/L	99
35) Methylcyclohexane	6.759	83	155649	5.324	ug/L	99
37) 1,2-Dichloropropane	6.785	63	125597	5.290	ug/L	99
38) Bromodichloromethane	7.100	83	151472	5.299	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	160854	5.125	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	612284	51.949	ug/L	99
42) Toluene	7.965	91	469018	5.684	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	135589	5.308	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	77929	5.089	ug/L	98
47) Tetrachloroethene	8.550	164	71257	4.879	ug/L	98
48) 2-Hexanone	8.682	43	399996	46.471	ug/L	98
49) Dibromochloromethane	8.804	129	77564	4.721	ug/L	99
50) 1,2-Dibromoethane	8.920	107	63044	4.997	ug/L #	91
51) Chlorobenzene	9.444	112	258406	4.968	ug/L	99
52) Ethylbenzene	9.566	91	392419	4.624	ug/L	99
53) m,p-Xylene	9.692	106	147886	4.838	ug/L	96
54) o-Xylene	10.097	106	150564	5.133	ug/L	96
55) Styrene	10.110	104	247837	5.131	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	80585	4.341	ug/L	99
59) Bromoform	10.283	173	43588	5.609	ug/L	99
60) Isopropylbenzene	10.479	105	389723	5.612	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57427	5.140	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	291374	5.321	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	277407	5.061	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	170116	5.032	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	178787	5.328	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	189448	6.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12368	5.772	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	143399	6.328	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	98443	6.416	ug/L	98
71) Naphthalene	14.084	128	123568	5.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	79797	6.350	ug/L	99

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

