

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052579.D
 Acq On : 27 Dec 2022 20:54
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Dec 28 01:26:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	176798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	68348	3.603	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.916	69	68632	4.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.565	65	31231	3.826	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	4.642	46	337767	57.422	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.840%	
24) Chloroform-d	5.060	84	154986	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.697	65	88857	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.723	84	307356	5.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.687	67	108791	5.214	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.200%	
41) Toluene-d8	7.893	98	270299	5.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	8.176	79	39390	5.513	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.200%	
46) 2-Hexanone-d5	8.629	63	249077	63.718	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.440%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96594	5.453	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	98285	5.222	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	67689	4.063	ug/L	100
3) Chloromethane	1.520	50	114547	4.763	ug/L	100
5) Vinyl chloride	1.604	62	98524	4.520	ug/L	95
6) Bromomethane	1.858	94	45600	3.669	ug/L	95
8) Chloroethane	1.935	64	64346	4.310	ug/L	99
9) Trichlorofluoromethane	2.141	101	104264	4.230	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	60993	4.163	ug/L	99
12) 1,1-Dichloroethene	2.581	96	62435	4.453	ug/L	96
13) Acetone	2.662	43	183317	42.276	ug/L	99
14) Carbon disulfide	2.793	76	198662	4.397	ug/L	99
15) Methyl Acetate	2.957	43	47977	5.022	ug/L	100
16) Methylene chloride	3.044	84	91754	4.632	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	198180	5.294	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	70071	4.849	ug/L	100
19) 1,1-Dichloroethane	3.867	63	153933	4.898	ug/L	98
21) 2-Butanone	4.719	43	331084	51.843	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	81122	5.115	ug/L	95
23) Bromochloromethane	4.970	128	35880	4.882	ug/L	92
25) Chloroform	5.086	83	147229	4.835	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	104711	4.977	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	110880	4.983	ug/L	98
30) Cyclohexane	5.385	56	115269	4.794	ug/L	99
31) Carbon tetrachloride	5.523	117	89919	4.599	ug/L	98
33) Benzene	5.771	78	329695	5.177	ug/L	100
34) Trichloroethene	6.539	95	75878	5.097	ug/L	99
35) Methylcyclohexane	6.761	83	106531	4.745	ug/L	96
37) 1,2-Dichloropropane	6.787	63	93433	5.258	ug/L	100
38) Bromodichloromethane	7.102	83	107967	4.992	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	122222	5.431	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	733141	56.458	ug/L	97
42) Toluene	7.964	91	331039	5.422	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	109472	5.520	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	65752	5.224	ug/L	99
47) Tetrachloroethene	8.549	164	52965	5.097	ug/L	97
48) 2-Hexanone	8.681	43	543798	55.556	ug/L	98
49) Dibromochloromethane	8.806	129	70060	5.257	ug/L	97
50) 1,2-Dibromoethane	8.919	107	58967	5.154	ug/L #	98
51) Chlorobenzene	9.443	112	205828	5.279	ug/L	99
52) Ethylbenzene	9.565	91	342585	5.422	ug/L	100
53) m,p-Xylene	9.690	106	131095	5.626	ug/L	98
54) o-Xylene	10.095	106	127739	5.719	ug/L	99
55) Styrene	10.108	104	226070	5.818	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	90665	5.211	ug/L #	97
59) Bromoform	10.285	173	39634	4.880	ug/L	100
60) Isopropylbenzene	10.478	105	329120	5.493	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	64678	4.878	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	272483	5.514	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	281878	5.667	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	158362	5.327	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	158590	5.159	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	152841	5.203	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	14991	4.995	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	112797	5.153	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	98614	5.354	ug/L	99
71) Naphthalene	14.079	128	211071	5.664	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	99317	5.380	ug/L	100

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

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