

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055593.D
 Acq On : 28 Sep 2023 21:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Sep 29 02:16:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	109298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75069	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.914	69	69416	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.566	65	29573	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.637	46	146998	44.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.400%
24) Chloroform-d	5.062	84	151782	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.701	65	70758	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.727	84	282442	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	86014	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	258741	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	30665	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	93052	44.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70912	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	94534	4.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63222	3.605	ug/L	98
3) Chloromethane	1.518	50	78684	5.100	ug/L	98
5) Vinyl chloride	1.602	62	88093	5.293	ug/L	94
6) Bromomethane	1.859	94	52606	4.976	ug/L	99
8) Chloroethane	1.933	64	59669	5.494	ug/L	98
9) Trichlorofluoromethane	2.139	101	130299	5.645	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	67348	4.795	ug/L	99
12) 1,1-Dichloroethene	2.579	96	58701	4.661	ug/L	92
13) Acetone	2.644	43	81701	43.586	ug/L	99
14) Carbon disulfide	2.792	76	182892	4.831	ug/L	97
15) Methyl Acetate	2.956	43	20447	4.784	ug/L	91
16) Methylene chloride	3.046	84	75646	5.013	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	133697	4.894	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	63337	4.989	ug/L	97
19) 1,1-Dichloroethane	3.865	63	121374	5.170	ug/L	98
21) 2-Butanone	4.711	43	128667	46.801	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	71524	4.860	ug/L	96
23) Bromochloromethane	4.975	128	32194	5.175	ug/L	97
25) Chloroform	5.087	83	134664	5.417	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	78509	5.150	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	115037	5.356	ug/L	99
30) Cyclohexane	5.386	56	90735	4.615	ug/L	99
31) Carbon tetrachloride	5.525	117	99778	5.420	ug/L	99
33) Benzene	5.772	78	281602	5.193	ug/L	100
34) Trichloroethene	6.541	95	75755	4.939	ug/L	99
35) Methylcyclohexane	6.762	83	103212	4.671	ug/L	100
37) 1,2-Dichloropropane	6.788	63	73714	5.198	ug/L	99
38) Bromodichloromethane	7.103	83	90009	5.416	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	100045	5.286	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	314762	48.930	ug/L	100
42) Toluene	7.965	91	300960	5.203	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	78770	5.202	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	52315	5.261	ug/L	98
47) Tetrachloroethene	8.550	164	57908	5.263	ug/L	98
48) 2-Hexanone	8.682	43	245465	49.235	ug/L	99
49) Dibromochloromethane	8.807	129	56818	5.451	ug/L	99
50) 1,2-Dibromoethane	8.923	107	48584	5.265	ug/L	99
51) Chlorobenzene	9.444	112	191156	5.160	ug/L	98
52) Ethylbenzene	9.569	91	310390	5.006	ug/L	100
53) m,p-Xylene	9.692	106	116397	5.009	ug/L	97
54) o-Xylene	10.097	106	112996	5.002	ug/L	98
55) Styrene	10.113	104	191951	5.255	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	58364	5.199	ug/L	99
59) Bromoform	10.286	173	30661	5.234	ug/L	95
60) Isopropylbenzene	10.483	105	306112	4.860	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	40283	4.721	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	233674	4.639	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	227378	4.611	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	146923	4.872	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	145041	4.812	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	133997	4.846	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7650	5.173	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	96169	4.630	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	68384	4.319	ug/L	99
71) Naphthalene	14.084	128	90423	3.945	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	60219	4.371	ug/L	99

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

