

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055153.D
 Acq On : 06 Sep 2023 20:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005112

Quant Time: Sep 06 20:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	101308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32081	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	40606	4.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	20426	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.621	46	132910	56.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	5.058	84	107745	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.698	65	54828	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.724	84	203369	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.689	67	67306	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.897	98	183689	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.180	79	18340	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	81650	51.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53867	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	70404	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47460	4.708	ug/L	100
3) Chloromethane	1.515	50	55074	5.366	ug/L	99
5) Vinyl chloride	1.599	62	57304	5.293	ug/L	93
6) Bromomethane	1.849	94	30760	4.711	ug/L	96
8) Chloroethane	1.927	64	37167	5.272	ug/L	94
9) Trichlorofluoromethane	2.132	101	80555	5.116	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46764	5.105	ug/L	97
12) 1,1-Dichloroethene	2.573	96	40521	5.052	ug/L	97
13) Acetone	2.624	43	81336	51.432	ug/L	100
14) Carbon disulfide	2.785	76	98522	5.016	ug/L #	95
15) Methyl Acetate	2.949	43	19528	6.033	ug/L	98
16) Methylene chloride	3.039	84	54383	4.437	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	117899	5.605	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43902	5.395	ug/L	98
19) 1,1-Dichloroethane	3.862	63	96708	5.499	ug/L	98
21) 2-Butanone	4.705	43	135535	58.332	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	53920	5.413	ug/L	94
23) Bromochloromethane	4.975	128	23369	5.704	ug/L	95
25) Chloroform	5.084	83	101181	5.524	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	63447	5.676	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	79333	5.121	ug/L	98
30) Cyclohexane	5.383	56	64655	4.693	ug/L	99
31) Carbon tetrachloride	5.521	117	66051	5.127	ug/L	99
33) Benzene	5.772	78	200746	5.266	ug/L	100
34) Trichloroethene	6.541	95	54677	5.161	ug/L	98
35) Methylcyclohexane	6.759	83	66224	4.455	ug/L	95
37) 1,2-Dichloropropane	6.788	63	58671	5.653	ug/L	99
38) Bromodichloromethane	7.103	83	67811	5.473	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	73580	5.213	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	340275	57.480	ug/L	99
42) Toluene	7.968	91	215869	5.312	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	59832	5.400	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	40637	5.814	ug/L	99
47) Tetrachloroethene	8.550	164	37603	5.136	ug/L	97
48) 2-Hexanone	8.682	43	266685	57.513	ug/L	98
49) Dibromochloromethane	8.807	129	41119	5.389	ug/L	98
50) 1,2-Dibromoethane	8.923	107	37541	5.898	ug/L #	94
51) Chlorobenzene	9.447	112	137721	5.117	ug/L	100
52) Ethylbenzene	9.569	91	231710	5.097	ug/L	99
53) m,p-Xylene	9.692	106	84414	5.018	ug/L	99
54) o-Xylene	10.100	106	83726	5.058	ug/L	96
55) Styrene	10.113	104	145379	5.318	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	50986	5.856	ug/L	98
59) Bromoform	10.290	173	21419	5.292	ug/L	98
60) Isopropylbenzene	10.483	105	229766	4.864	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	37667	5.603	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	184774	4.702	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	173089	4.469	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	111419	4.913	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	110763	4.900	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	105206	4.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7002	5.406	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	74759	4.362	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	59358	3.694	ug/L	99
71) Naphthalene	14.087	128	88089	3.016	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	51586	3.698	ug/L	99

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

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