

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062331.D
 Acq On : 16 Dec 2024 08:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005188

Quant Time: Dec 17 00:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	112702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	107683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40100	5.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.911	69	30650	5.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.563	65	18372	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.634	46	73928	50.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.052	84	83724	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.692	65	41513	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.717	84	149708	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.682	67	43905	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	141304	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.174	79	18959	4.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.627	63	55924	47.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32844	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	48924	4.982	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50568	4.790	ug/L	96
3) Chloromethane	1.518	50	38992	4.712	ug/L	100
5) Vinyl chloride	1.602	62	42108	4.887	ug/L #	79
6) Bromomethane	1.856	94	25420	4.426	ug/L	99
8) Chloroethane	1.933	64	25342	5.251	ug/L	94
9) Trichlorofluoromethane	2.136	101	74433	4.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41559	5.106	ug/L	94
12) 1,1-Dichloroethene	2.576	96	36110	4.745	ug/L	91
13) Acetone	2.656	43	51078	51.492	ug/L	95
14) Carbon disulfide	2.788	76	111404	4.630	ug/L	99
15) Methyl Acetate	2.955	43	11172	4.494	ug/L #	86
16) Methylene chloride	3.039	84	39717	4.972	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	91406	4.822	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	37561	4.804	ug/L	92
19) 1,1-Dichloroethane	3.859	63	69110	4.822	ug/L	96
21) 2-Butanone	4.711	43	74094	51.434	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	42393	4.837	ug/L	98
23) Bromochloromethane	4.968	128	18862	4.910	ug/L	86
25) Chloroform	5.078	83	80512	4.988	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48204	4.699	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	73529	4.854	ug/L	95
30) Cyclohexane	5.380	56	58011	4.723	ug/L	95
31) Carbon tetrachloride	5.515	117	67993	4.895	ug/L	97
33) Benzene	5.766	78	158724	4.756	ug/L	100
34) Trichloroethene	6.534	95	46069	4.874	ug/L	99
35) Methylcyclohexane	6.753	83	66570	4.750	ug/L	97
37) 1,2-Dichloropropane	6.782	63	39346	4.842	ug/L	99
38) Bromodichloromethane	7.097	83	56433	4.922	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	60910	4.676	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	183643	48.217	ug/L #	94
42) Toluene	7.962	91	172753	4.801	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	53326	5.013	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	29243	4.767	ug/L	97
47) Tetrachloroethene	8.544	164	35545	4.870	ug/L	96
48) 2-Hexanone	8.679	43	131966	46.884	ug/L #	96
49) Dibromochloromethane	8.801	129	37270	5.028	ug/L	96
50) 1,2-Dibromoethane	8.917	107	28137	4.773	ug/L #	97
51) Chlorobenzene	9.438	112	109987	4.770	ug/L	98
52) Ethylbenzene	9.563	91	192178	4.764	ug/L	99
53) m,p-Xylene	9.688	106	73147	4.911	ug/L	96
54) o-Xylene	10.090	106	70096	4.839	ug/L	98
55) Styrene	10.106	104	114983	4.815	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32845	4.600	ug/L #	96
59) Bromoform	10.283	173	21710	5.184	ug/L	98
60) Isopropylbenzene	10.476	105	194886	5.063	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	24447	4.961	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	165045	5.066	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	161582	5.063	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	86638	4.900	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	87110	4.892	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	79875	4.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5445	5.066	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	64227	4.886	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48011	4.626	ug/L	99
71) Naphthalene	14.080	128	59035	3.788	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39696	4.337	ug/L	96

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

