

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061659.D
 Acq On : 14 Nov 2024 09:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Quant Time: Nov 15 00:34:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	192477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57502	4.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.911	69	51643	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	25750	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.627	46	134465	50.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	5.052	84	123364	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	59834	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.717	84	245363	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	74264	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	230259	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	27059	4.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	114566	53.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59085	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	80174	4.998	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	77472	5.415	ug/L	98
3) Chloromethane	1.518	50	66437	5.119	ug/L	99
5) Vinyl chloride	1.602	62	74805	5.223	ug/L	96
6) Bromomethane	1.856	94	40181	4.702	ug/L	99
8) Chloroethane	1.933	64	51683	5.202	ug/L	98
9) Trichlorofluoromethane	2.136	101	109646	5.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67465	5.420	ug/L	98
12) 1,1-Dichloroethene	2.576	96	60958	5.246	ug/L	90
13) Acetone	2.647	43	84316	50.701	ug/L	98
14) Carbon disulfide	2.788	76	181760	4.870	ug/L	99
15) Methyl Acetate	2.955	43	20510	4.936	ug/L	99
16) Methylene chloride	3.039	84	68876	5.144	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	149078	5.235	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	66856	5.246	ug/L	97
19) 1,1-Dichloroethane	3.859	63	120942	5.205	ug/L	99
21) 2-Butanone	4.708	43	139355	51.309	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	75033	5.220	ug/L	97
23) Bromochloromethane	4.965	128	33878	5.307	ug/L	99
25) Chloroform	5.078	83	130245	5.318	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78107	5.082	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	108398	5.261	ug/L	100
30) Cyclohexane	5.380	56	108599	5.277	ug/L	98
31) Carbon tetrachloride	5.515	117	94187	5.367	ug/L	98
33) Benzene	5.766	78	294344	5.372	ug/L	100
34) Trichloroethene	6.534	95	77759	5.256	ug/L	97
35) Methylcyclohexane	6.753	83	122954	5.510	ug/L	99
37) 1,2-Dichloropropane	6.782	63	73913	5.317	ug/L	100
38) Bromodichloromethane	7.097	83	85876	5.149	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	103748	5.244	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	357610	53.652	ug/L	100
42) Toluene	7.962	91	317898	5.388	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	82001	5.225	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	54644	5.392	ug/L	96
47) Tetrachloroethene	8.547	164	60946	5.482	ug/L	97
48) 2-Hexanone	8.679	43	255088	53.525	ug/L	99
49) Dibromochloromethane	8.801	129	55404	5.214	ug/L	98
50) 1,2-Dibromoethane	8.917	107	51473	5.385	ug/L	99
51) Chlorobenzene	9.438	112	201435	5.304	ug/L	99
52) Ethylbenzene	9.563	91	342053	5.443	ug/L	99
53) m,p-Xylene	9.685	106	132484	5.510	ug/L	98
54) o-Xylene	10.090	106	127902	5.472	ug/L	97
55) Styrene	10.106	104	207881	5.586	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64885	5.261	ug/L	96
59) Bromoform	10.283	173	28986	4.862	ug/L	99
60) Isopropylbenzene	10.476	105	342505	5.483	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44332	5.225	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	268470	5.368	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	267066	5.486	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	152949	5.339	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	153637	5.282	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	139886	5.251	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7152	4.827	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	109241	5.462	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	81130	5.234	ug/L	100
71) Naphthalene	14.080	128	105679	4.749	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	67379	5.178	ug/L	98

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

