

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061705.D
 Acq On : 15 Nov 2024 05:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Nov 15 06:17:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77682	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51311	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.911	69	50389	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.560	65	21545	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	132768	54.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.980%
24) Chloroform-d	5.052	84	114883	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.692	65	56452	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	222397	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.679	67	69398	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.888	98	199254	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.171	79	23572	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	116079	60.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57556	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	67085	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	55883	4.232	ug/L	99
3) Chloromethane	1.518	50	61224	5.111	ug/L	97
5) Vinyl chloride	1.602	62	66219	5.009	ug/L	88
6) Bromomethane	1.856	94	35864	4.547	ug/L	96
8) Chloroethane	1.930	64	49798	5.431	ug/L	95
9) Trichlorofluoromethane	2.132	101	79682	4.100	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	44223	3.849	ug/L	98
12) 1,1-Dichloroethene	2.576	96	50239	4.685	ug/L	88
13) Acetone	2.640	43	79768	51.967	ug/L	98
14) Carbon disulfide	2.788	76	146239	4.245	ug/L	100
15) Methyl Acetate	2.952	43	21087	5.498	ug/L	98
16) Methylene chloride	3.039	84	65797	5.324	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	147084	5.596	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56858	4.833	ug/L	99
19) 1,1-Dichloroethane	3.859	63	112194	5.231	ug/L	99
21) 2-Butanone	4.705	43	131690	52.530	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	69102	5.209	ug/L	99
23) Bromochloromethane	4.965	128	33184	5.632	ug/L	94
25) Chloroform	5.074	83	120894	5.348	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	77766	5.482	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	88754	4.796	ug/L	100
30) Cyclohexane	5.380	56	68374	3.698	ug/L	99
31) Carbon tetrachloride	5.515	117	68667	4.356	ug/L	99
33) Benzene	5.766	78	259015	5.262	ug/L	100
34) Trichloroethene	6.534	95	62651	4.714	ug/L	97
35) Methylcyclohexane	6.753	83	71494	3.567	ug/L	97
37) 1,2-Dichloropropane	6.782	63	68239	5.465	ug/L	100
38) Bromodichloromethane	7.097	83	79680	5.318	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	91891	5.170	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	355258	59.334	ug/L	99
42) Toluene	7.959	91	259044	4.888	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	72882	5.170	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	52573	5.775	ug/L	98
47) Tetrachloroethene	8.544	164	40819	4.087	ug/L	97
48) 2-Hexanone	8.679	43	255382	59.653	ug/L	99
49) Dibromochloromethane	8.801	129	51602	5.406	ug/L	96
50) 1,2-Dibromoethane	8.917	107	49250	5.736	ug/L	100
51) Chlorobenzene	9.438	112	164727	4.829	ug/L	98
52) Ethylbenzene	9.563	91	253366	4.488	ug/L	99
53) m,p-Xylene	9.685	106	99022	4.584	ug/L	99
54) o-Xylene	10.090	106	99193	4.725	ug/L	100
55) Styrene	10.106	104	161086	4.819	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	63486	5.731	ug/L	95
59) Bromoform	10.280	173	27635	5.375	ug/L	97
60) Isopropylbenzene	10.476	105	236961	4.398	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	43483	5.942	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	188854	4.378	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	188643	4.493	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	117423	4.753	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	116332	4.637	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	113719	4.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7407	5.797	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	74303	4.307	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	59008	4.414	ug/L	98
71) Naphthalene	14.081	128	92815	4.836	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	51925	4.627	ug/L	100

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

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