

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062608.D
 Acq On : 27 Dec 2024 05:58
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Dec 27 06:31:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	103969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95501	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23435	3.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.911	69	20141	4.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.560	65	12677	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.628	46	69805	51.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	5.052	84	71109	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	38591	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.718	84	119007	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.679	67	32808	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.888	98	113069	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	16071	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.624	63	64434	61.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30347	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	46454	4.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	39368	4.042	ug/L	99
3) Chloromethane	1.518	50	28768	3.768	ug/L	98
5) Vinyl chloride	1.602	62	32156	4.046	ug/L	99
6) Bromomethane	1.856	94	24363	4.599	ug/L	97
8) Chloroethane	1.930	64	20265	4.552	ug/L	97
9) Trichlorofluoromethane	2.132	101	69811	5.061	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	34535	4.599	ug/L	92
12) 1,1-Dichloroethene	2.573	96	31260	4.453	ug/L #	84
13) Acetone	2.647	43	47290	51.678	ug/L	100
14) Carbon disulfide	2.788	76	80466	3.625	ug/L	100
15) Methyl Acetate	2.956	43	10331	4.505	ug/L	95
16) Methylene chloride	3.036	84	34883	4.734	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	91930	5.257	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	32710	4.535	ug/L	93
19) 1,1-Dichloroethane	3.859	63	61838	4.677	ug/L	99
21) 2-Butanone	4.705	43	68286	51.384	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	38558	4.769	ug/L	92
23) Bromochloromethane	4.965	128	18132	5.117	ug/L #	77
25) Chloroform	5.078	83	76818	5.158	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	48409	5.115	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	73101	5.441	ug/L	94
30) Cyclohexane	5.377	56	44315	4.068	ug/L	88
31) Carbon tetrachloride	5.512	117	66204	5.374	ug/L	98
33) Benzene	5.763	78	138164	4.668	ug/L	100
34) Trichloroethene	6.534	95	42174	5.031	ug/L	98
35) Methylcyclohexane	6.753	83	53803	4.329	ug/L	94
37) 1,2-Dichloropropane	6.779	63	34351	4.766	ug/L	98
38) Bromodichloromethane	7.094	83	52336	5.147	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	55341	4.790	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	173454	51.351	ug/L #	91
42) Toluene	7.959	91	154482	4.841	ug/L	96
44) trans-1,3-Dichloropropene	8.200	75	48314	5.122	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	29013	5.332	ug/L	95
47) Tetrachloroethene	8.544	164	33038	5.104	ug/L	92
48) 2-Hexanone	8.676	43	124076	49.704	ug/L #	92
49) Dibromochloromethane	8.798	129	36741	5.589	ug/L	94
50) 1,2-Dibromoethane	8.914	107	27822	5.322	ug/L #	98
51) Chlorobenzene	9.438	112	101967	4.987	ug/L	96
52) Ethylbenzene	9.560	91	178284	4.983	ug/L	98
53) m,p-Xylene	9.682	106	67840	5.135	ug/L	98
54) o-Xylene	10.090	106	65781	5.120	ug/L	98
55) Styrene	10.103	104	112491	5.311	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.769	83	33124	5.231	ug/L #	95
59) Bromoform	10.280	173	22480	5.441	ug/L	98
60) Isopropylbenzene	10.473	105	187881	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24828	5.107	ug/L	94
62) 1,3,5-Trimethylbenzene	11.077	105	159286	4.956	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	157698	5.008	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	86677	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	85405	4.861	ug/L	97
67) 1,2-Dichlorobenzene	12.200	146	82788	5.135	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	6138	5.788	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.209	180	65991	5.088	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	53935	5.267	ug/L	97
71) Naphthalene	14.077	128	79664	5.181	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	45626	5.053	ug/L	98

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

