

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061562.D
 Acq On : 08 Nov 2024 21:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Nov 09 00:24:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35099	3.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.911	69	38423	3.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	17689	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.628	46	119493	53.749	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.052	84	100618	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	49140	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	192176	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.679	67	59006	4.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.888	98	176195	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	20270	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.627	63	107304	48.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50255	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	62464	4.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49882	4.642	ug/L	99
3) Chloromethane	1.518	50	46960	4.144	ug/L	98
5) Vinyl chloride	1.602	62	54950	4.410	ug/L	98
6) Bromomethane	1.853	94	30839	3.735	ug/L	95
8) Chloroethane	1.930	64	42098	4.589	ug/L	96
9) Trichlorofluoromethane	2.132	101	83882	4.957	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49252	4.901	ug/L	96
12) 1,1-Dichloroethene	2.573	96	46463	4.875	ug/L	90
13) Acetone	2.647	43	74405	52.841	ug/L	99
14) Carbon disulfide	2.788	76	119420	3.756	ug/L	99
15) Methyl Acetate	2.956	43	19058	5.466	ug/L	98
16) Methylene chloride	3.036	84	56830	5.060	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	129457	5.012	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	50823	4.823	ug/L	96
19) 1,1-Dichloroethane	3.859	63	103045	5.185	ug/L	99
21) 2-Butanone	4.708	43	118583	53.123	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	61469	5.107	ug/L	99
23) Bromochloromethane	4.965	128	27602	5.450	ug/L	95
25) Chloroform	5.078	83	109880	5.258	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68512	5.188	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	87918	4.610	ug/L	99
30) Cyclohexane	5.380	56	78043	4.080	ug/L	99
31) Carbon tetrachloride	5.515	117	74006	4.535	ug/L	99
33) Benzene	5.766	78	237504	4.931	ug/L	100
34) Trichloroethene	6.534	95	62438	4.765	ug/L	98
35) Methylcyclohexane	6.753	83	85274	4.089	ug/L	99
37) 1,2-Dichloropropane	6.782	63	63097	5.168	ug/L	98
38) Bromodichloromethane	7.097	83	72577	4.697	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	85872	4.554	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	313236	51.548	ug/L	99
42) Toluene	7.962	91	252654	4.830	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68245	4.442	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	47359	5.390	ug/L	99
47) Tetrachloroethene	8.544	164	44876	4.904	ug/L	96
48) 2-Hexanone	8.676	43	231513	53.878	ug/L	100
49) Dibromochloromethane	8.801	129	47516	4.768	ug/L	99
50) 1,2-Dibromoethane	8.914	107	43750	5.125	ug/L	95
51) Chlorobenzene	9.438	112	164690	4.981	ug/L	99
52) Ethylbenzene	9.563	91	270095	4.694	ug/L	100
53) m,p-Xylene	9.685	106	104112	4.750	ug/L	97
54) o-Xylene	10.094	106	102368	4.732	ug/L	98
55) Styrene	10.106	104	167478	4.829	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57722	5.452	ug/L	99
59) Bromoform	10.283	173	24291	4.268	ug/L	99
60) Isopropylbenzene	10.476	105	270241	4.601	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39499	5.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	209725	4.386	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	209275	4.427	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	121885	4.930	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	119994	4.761	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	114229	4.909	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7141	4.440	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	83015	4.899	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	66439	4.858	ug/L	97
71) Naphthalene	14.081	128	96886	4.490	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56476	4.936	ug/L	99

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

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