

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112324\
 Data File : VU062007.D
 Acq On : 23 Nov 2024 13:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005161

Quant Time: Nov 25 01:11:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121042	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	114745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21142	3.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.908	69	16912	3.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.400%#
11) 1,1-Dichloroethene-d2	2.560	65	9349	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.621	46	83373	44.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	5.052	84	66544	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	32956	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.718	84	102160	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	35027	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	87923	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.174	79	14554	5.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.624	63	58101	45.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	35486	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	40241	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55847	5.273	ug/L	98
3) Chloromethane	1.515	50	46224	4.235	ug/L	99
5) Vinyl chloride	1.602	62	46809	4.174	ug/L	97
6) Bromomethane	1.853	94	28131	4.214	ug/L	97
8) Chloroethane	1.927	64	26387	3.649	ug/L	96
9) Trichlorofluoromethane	2.133	101	76017	5.359	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42055	4.818	ug/L	91
12) 1,1-Dichloroethene	2.573	96	38323	4.721	ug/L	95
13) Acetone	2.628	43	58020	45.072	ug/L	93
14) Carbon disulfide	2.789	76	118173	4.577	ug/L	100
15) Methyl Acetate	2.949	43	13594	4.113	ug/L #	90
16) Methylene chloride	3.036	84	43401	4.453	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	100254	4.819	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	40349	4.702	ug/L	94
19) 1,1-Dichloroethane	3.859	63	75829	4.536	ug/L	99
21) 2-Butanone	4.698	43	91493	43.977	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	46014	4.765	ug/L	97
23) Bromochloromethane	4.965	128	21028	5.009	ug/L #	87
25) Chloroform	5.078	83	85859	4.914	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	52409	4.663	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	75326	5.695	ug/L	96
30) Cyclohexane	5.377	56	65988	4.770	ug/L	99
31) Carbon tetrachloride	5.515	117	67456	6.007	ug/L	99
33) Benzene	5.766	78	175395	5.062	ug/L	100
34) Trichloroethene	6.534	95	49212	5.321	ug/L	97
35) Methylcyclohexane	6.753	83	69966	4.945	ug/L	97
37) 1,2-Dichloropropane	6.782	63	44985	4.997	ug/L	99
38) Bromodichloromethane	7.097	83	58772	5.383	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	66825	5.294	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	227079	46.747	ug/L	96
42) Toluene	7.962	91	190859	5.248	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	54230	5.410	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	33848	5.103	ug/L	95
47) Tetrachloroethene	8.544	164	37801	5.620	ug/L	94
48) 2-Hexanone	8.676	43	163046	44.819	ug/L #	94
49) Dibromochloromethane	8.798	129	38291	5.465	ug/L	90
50) 1,2-Dibromoethane	8.917	107	32048	4.868	ug/L #	99
51) Chlorobenzene	9.438	112	121295	4.870	ug/L	96
52) Ethylbenzene	9.560	91	208543	4.792	ug/L	96
53) m,p-Xylene	9.685	106	77716	5.061	ug/L	97
54) o-Xylene	10.094	106	75412	4.865	ug/L	98
55) Styrene	10.107	104	125246	4.905	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	40024	4.709	ug/L	99
59) Bromoform	10.280	173	22511	5.219	ug/L	98
60) Isopropylbenzene	10.476	105	206457	4.563	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	28580	4.261	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	173513	4.808	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	168382	4.680	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	94784	4.719	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	93652	4.818	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	87744	5.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	5805	5.071	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	67749	5.669	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	52191	5.698	ug/L	99
71) Naphthalene	14.081	128	66882	4.530	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	42684	5.411	ug/L	97

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

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