

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062537.D
 Acq On : 20 Dec 2024 20:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005082

Quant Time: Dec 20 22:38:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90235	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47311	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24840	4.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.907	69	19214	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	12569	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.627	46	50991	43.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.420%
24) Chloroform-d	5.052	84	65903	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.692	65	34593	5.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.717	84	106810	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.679	67	29936	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.888	98	105205	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	14093	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.624	63	39791	42.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25854	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	40914	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	38713	4.580	ug/L	99
3) Chloromethane	1.515	50	27118	4.093	ug/L	98
5) Vinyl chloride	1.599	62	32847	4.762	ug/L	99
6) Bromomethane	1.853	94	22483	4.890	ug/L	90
8) Chloroethane	1.927	64	17831	4.615	ug/L	98
9) Trichlorofluoromethane	2.129	101	66955	5.592	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31576	4.845	ug/L #	88
12) 1,1-Dichloroethene	2.570	96	28468	4.673	ug/L #	82
13) Acetone	2.640	43	41586	52.361	ug/L	100
14) Carbon disulfide	2.785	76	77260	4.010	ug/L	99
15) Methyl Acetate	2.952	43	9363	4.704	ug/L	95
16) Methylene chloride	3.036	84	32551	5.090	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	78478	5.171	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	30265	4.835	ug/L	85
19) 1,1-Dichloroethane	3.856	63	56083	4.888	ug/L	98
21) 2-Butanone	4.701	43	57161	49.559	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	34495	4.916	ug/L	98
23) Bromochloromethane	4.965	128	16638	5.410	ug/L #	74
25) Chloroform	5.074	83	70266	5.437	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	45528	5.543	ug/L	95
29) 1,1,1-Trichloroethane	5.303	97	65619	5.400	ug/L	95
30) Cyclohexane	5.377	56	39710	4.030	ug/L	87
31) Carbon tetrachloride	5.512	117	61110	5.485	ug/L	98
33) Benzene	5.762	78	124459	4.650	ug/L	100
34) Trichloroethene	6.531	95	37310	4.921	ug/L	98
35) Methylcyclohexane	6.753	83	47341	4.211	ug/L	92
37) 1,2-Dichloropropane	6.779	63	30526	4.683	ug/L #	97
38) Bromodichloromethane	7.097	83	49611	5.394	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	49434	4.731	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	147802	48.379	ug/L #	91
42) Toluene	7.959	91	139348	4.828	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	44416	5.206	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	25711	5.225	ug/L	94
47) Tetrachloroethene	8.544	164	29872	5.102	ug/L	98
48) 2-Hexanone	8.676	43	110697	49.028	ug/L #	92
49) Dibromochloromethane	8.798	129	33263	5.595	ug/L	96
50) 1,2-Dibromoethane	8.913	107	25097	5.307	ug/L #	95
51) Chlorobenzene	9.438	112	91782	4.963	ug/L	98
52) Ethylbenzene	9.563	91	155235	4.797	ug/L	99
53) m,p-Xylene	9.685	106	58683	4.911	ug/L	90
54) o-Xylene	10.090	106	57312	4.932	ug/L	95
55) Styrene	10.106	104	98017	5.117	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	28850	5.037	ug/L #	93
59) Bromoform	10.280	173	20453	5.501	ug/L #	99
60) Isopropylbenzene	10.476	105	160855	4.706	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	21960	5.020	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	132874	4.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	130789	4.615	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	77009	4.905	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	72909	4.612	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	69360	4.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	5726	6.000	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	55559	4.761	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	43034	4.671	ug/L	99
71) Naphthalene	14.080	128	57350	4.145	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36400	4.480	ug/L	100

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

