

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060054.D
 Acq On : 19 Jul 2024 12:13
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Jul 20 00:57:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 02:49:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38653	3.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.911	69	39106	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	16662	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.627	46	108509	43.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.900%
24) Chloroform-d	5.055	84	93979	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.695	65	42977	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.721	84	181427	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	57245	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	165182	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	20070	4.596	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	90359	46.631	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51289	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	63922	4.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52649	4.535	ug/L	99
3) Chloromethane	1.518	50	62648	4.468	ug/L	96
5) Vinyl chloride	1.602	62	73147	4.653	ug/L	98
6) Bromomethane	1.856	94	46008	4.496	ug/L	100
8) Chloroethane	1.930	64	45347	4.417	ug/L	97
9) Trichlorofluoromethane	2.132	101	91343	4.608	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60496	4.677	ug/L	99
12) 1,1-Dichloroethene	2.573	96	54605	4.660	ug/L	96
13) Acetone	2.640	43	74806	45.284	ug/L	97
14) Carbon disulfide	2.788	76	156746	4.594	ug/L	99
15) Methyl Acetate	2.949	43	18914	4.655	ug/L	95
16) Methylene chloride	3.039	84	63632	4.429	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	130045	4.866	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	60199	4.939	ug/L	90
19) 1,1-Dichloroethane	3.859	63	110539	4.776	ug/L	98
21) 2-Butanone	4.705	43	118080	45.154	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	68277	5.001	ug/L	97
23) Bromochloromethane	4.968	128	31172	4.698	ug/L	97
25) Chloroform	5.078	83	116488	4.577	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	65201	4.481	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	93271	4.970	ug/L	100
30) Cyclohexane	5.380	56	83347	5.615	ug/L	95
31) Carbon tetrachloride	5.515	117	79068	4.883	ug/L	99
33) Benzene	5.766	78	256839	5.174	ug/L	100
34) Trichloroethene	6.534	95	67039	5.092	ug/L	96
35) Methylcyclohexane	6.756	83	93649	5.427	ug/L	99
37) 1,2-Dichloropropane	6.782	63	66560	4.964	ug/L	99
38) Bromodichloromethane	7.097	83	80200	4.774	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	91360	5.213	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	299829	50.528	ug/L	97
42) Toluene	7.962	91	283492	5.367	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	72592	4.959	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50786	4.956	ug/L	96
47) Tetrachloroethene	8.547	164	55339	5.084	ug/L	99
48) 2-Hexanone	8.679	43	219225	50.458	ug/L	98
49) Dibromochloromethane	8.801	129	54662	4.822	ug/L	98
50) 1,2-Dibromoethane	8.917	107	46020	4.967	ug/L	97
51) Chlorobenzene	9.441	112	177461	5.142	ug/L	100
52) Ethylbenzene	9.563	91	287916	5.465	ug/L	98
53) m,p-Xylene	9.688	106	111644	5.486	ug/L	100
54) o-Xylene	10.093	106	108629	5.581	ug/L	97
55) Styrene	10.110	104	185731	5.607	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	60010	4.787	ug/L	98
59) Bromoform	10.283	173	34504	4.638	ug/L	99
60) Isopropylbenzene	10.476	105	288998	5.398	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39528	4.581	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	227362	5.559	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	223821	5.663	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	147687	5.127	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	145557	4.964	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	137746	4.996	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	8100	4.816	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	107446	4.942	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	86088	5.203	ug/L	99
71) Naphthalene	14.080	128	123063	5.249	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	76543	5.144	ug/L	100

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

