

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059843.D
 Acq On : 04 Jul 2024 11:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Quant Time: Jul 05 01:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59014	4.974	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.907	69	51251	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	22084	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.621	46	124126	50.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.052	84	112562	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	54668	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.718	84	224681	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	69958	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	208936	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.174	79	23834	5.372	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.400%
46) 2-Hexanone-d5	8.624	63	109053	59.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58707	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	76055	4.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61419	4.248	ug/L	97
3) Chloromethane	1.515	50	73534	4.725	ug/L	98
5) Vinyl chloride	1.599	62	83591	4.863	ug/L	100
6) Bromomethane	1.853	94	51148	4.279	ug/L	96
8) Chloroethane	1.930	64	53589	5.173	ug/L	99
9) Trichlorofluoromethane	2.132	101	95841	4.631	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61092	4.663	ug/L	94
12) 1,1-Dichloroethene	2.573	96	59638	4.928	ug/L	86
13) Acetone	2.631	43	77670	48.988	ug/L	92
14) Carbon disulfide	2.788	76	181540	4.496	ug/L	100
15) Methyl Acetate	2.946	43	21250	5.079	ug/L	# 89
16) Methylene chloride	3.039	84	74895	5.222	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	145729	5.588	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	62506	4.966	ug/L	92
19) 1,1-Dichloroethane	3.859	63	117746	5.073	ug/L	96
21) 2-Butanone	4.698	43	136346	53.615	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	72598	5.233	ug/L	94
23) Bromochloromethane	4.965	128	33114	5.236	ug/L	91
25) Chloroform	5.078	83	125963	5.153	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	72677	4.906	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	98450	5.075	ug/L	98
30) Cyclohexane	5.380	56	85057	4.966	ug/L	94
31) Carbon tetrachloride	5.518	117	80266	4.942	ug/L	99
33) Benzene	5.766	78	273275	5.357	ug/L	100
34) Trichloroethene	6.534	95	69899	5.059	ug/L	97
35) Methylcyclohexane	6.756	83	96109	4.889	ug/L	94
37) 1,2-Dichloropropane	6.782	63	73679	5.581	ug/L #	98
38) Bromodichloromethane	7.097	83	87168	5.290	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	89333	4.948	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	337496	55.169	ug/L #	93
42) Toluene	7.962	91	292245	5.411	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	73078	5.043	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	54691	5.622	ug/L	98
47) Tetrachloroethene	8.547	164	55247	5.153	ug/L	94
48) 2-Hexanone	8.676	43	240912	55.180	ug/L #	92
49) Dibromochloromethane	8.801	129	57821	5.365	ug/L	97
50) 1,2-Dibromoethane	8.917	107	50061	5.572	ug/L	98
51) Chlorobenzene	9.441	112	183211	5.348	ug/L	94
52) Ethylbenzene	9.563	91	292357	5.277	ug/L	97
53) m,p-Xylene	9.688	106	114646	5.388	ug/L	97
54) o-Xylene	10.094	106	109935	5.444	ug/L	98
55) Styrene	10.110	104	192055	5.587	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	63931	5.417	ug/L	99
59) Bromoform	10.283	173	35481	5.320	ug/L #	99
60) Isopropylbenzene	10.479	105	285180	5.297	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	44274	5.497	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	223409	5.238	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	222132	5.448	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	145366	5.309	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	147632	5.238	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	136629	5.302	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	9088	5.785	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	105280	5.194	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	85904	5.525	ug/L	97
71) Naphthalene	14.081	128	127753	5.741	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	80241	5.558	ug/L	98

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

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