

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059697.D
 Acq On : 01 Jul 2024 20:05
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jul 01 20:32:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150690	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36234	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	39070	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	16316	3.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.621	46	120325	59.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.520%
24) Chloroform-d	5.055	84	96461	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	47382	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	183645	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.685	67	58589	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	172498	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	18664	4.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	99563	60.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55749	5.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	66227	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63192	5.261	ug/L	99
3) Chloromethane	1.515	50	70868	5.481	ug/L	98
5) Vinyl chloride	1.599	62	79905	5.595	ug/L	99
6) Bromomethane	1.853	94	49941	5.029	ug/L	96
8) Chloroethane	1.927	64	50793	5.902	ug/L	97
9) Trichlorofluoromethane	2.132	101	97824	5.690	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60631	5.571	ug/L	94
12) 1,1-Dichloroethene	2.573	96	55646	5.534	ug/L	83
13) Acetone	2.634	43	80541	61.146	ug/L	91
14) Carbon disulfide	2.785	76	175942	5.245	ug/L	99
15) Methyl Acetate	2.949	43	22272	6.407	ug/L	92
16) Methylene chloride	3.036	84	66579	5.588	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	127017	5.862	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56917	5.443	ug/L	91
19) 1,1-Dichloroethane	3.859	63	108570	5.631	ug/L	98
21) 2-Butanone	4.702	43	132492	62.712	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	64652	5.609	ug/L	96
23) Bromochloromethane	4.968	128	30929	5.886	ug/L	# 86
25) Chloroform	5.078	83	116321	5.727	ug/L	98

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 ALS Vial : 29 Sample Multiplier: 1

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 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jul 01 20:32:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70813	5.754	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	94016	5.403	ug/L	98
30) Cyclohexane	5.380	56	78471	5.108	ug/L	95
31) Carbon tetrachloride	5.518	117	78473	5.386	ug/L	99
33) Benzene	5.766	78	253181	5.533	ug/L	100
34) Trichloroethene	6.534	95	66045	5.329	ug/L	99
35) Methylcyclohexane	6.756	83	88434	5.015	ug/L	95
37) 1,2-Dichloropropane	6.785	63	65363	5.520	ug/L #	98
38) Bromodichloromethane	7.097	83	81581	5.519	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	87749	5.418	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	335535	61.147	ug/L	95
42) Toluene	7.962	91	276140	5.700	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	73073	5.622	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51729	5.928	ug/L	99
47) Tetrachloroethene	8.547	164	54592	5.677	ug/L	91
48) 2-Hexanone	8.679	43	244359	62.396	ug/L #	92
49) Dibromochloromethane	8.804	129	55554	5.747	ug/L	96
50) 1,2-Dibromoethane	8.917	107	47317	5.871	ug/L	98
51) Chlorobenzene	9.441	112	170551	5.551	ug/L	97
52) Ethylbenzene	9.566	91	271005	5.453	ug/L	96
53) m,p-Xylene	9.688	106	107144	5.613	ug/L	98
54) o-Xylene	10.094	106	100310	5.537	ug/L	99
55) Styrene	10.110	104	178351	5.784	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	63002	5.951	ug/L	99
59) Bromoform	10.283	173	34102	5.656	ug/L	98
60) Isopropylbenzene	10.479	105	265040	5.446	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42008	5.770	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	201026	5.214	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	196763	5.338	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	137181	5.542	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	135732	5.327	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	129278	5.550	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8548	6.019	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	95697	5.223	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	73975	5.263	ug/L	97
71) Naphthalene	14.084	128	101716	5.056	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	69704	5.341	ug/L	97

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

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