

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071624\
 Data File : VU059963.D
 Acq On : 16 Jul 2024 09:08
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Jul 17 02:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138416	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	146598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	74480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44816	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.904	69	37128	4.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	16389	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.618	46	93450	47.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	5.055	84	85391	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.698	65	40723	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.721	84	161783	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	52218	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	152780	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	18102	4.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.627	63	76787	47.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	44711	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	53909	4.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	53338	4.548	ug/L	98
3) Chloromethane	1.518	50	63045	4.994	ug/L	99
5) Vinyl chloride	1.599	62	71825	5.151	ug/L	97
6) Bromomethane	1.846	94	41901	4.322	ug/L	96
8) Chloroethane	1.927	64	44583	5.306	ug/L	96
9) Trichlorofluoromethane	2.132	101	88646	5.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57875	5.446	ug/L	93
12) 1,1-Dichloroethene	2.573	96	51596	5.256	ug/L	83
13) Acetone	2.624	43	75199	58.472	ug/L	93
14) Carbon disulfide	2.785	76	154408	4.714	ug/L	100
15) Methyl Acetate	2.949	43	19916	5.868	ug/L #	89
16) Methylene chloride	3.039	84	62728	5.392	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	117437	5.551	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	53595	5.249	ug/L	91
19) 1,1-Dichloroethane	3.862	63	104810	5.567	ug/L	98
21) 2-Butanone	4.698	43	120917	58.618	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	62405	5.545	ug/L	94
23) Bromochloromethane	4.968	128	30111	5.869	ug/L	88
25) Chloroform	5.081	83	110280	5.561	ug/L	98

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 MSVOA_U
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 VSTD005145

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	65089	5.417	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	89647	5.295	ug/L	99
30) Cyclohexane	5.383	56	68163	4.561	ug/L	94
31) Carbon tetrachloride	5.521	117	76959	5.429	ug/L	99
33) Benzene	5.769	78	234849	5.275	ug/L	100
34) Trichloroethene	6.537	95	61976	5.141	ug/L	94
35) Methylcyclohexane	6.759	83	79709	4.646	ug/L	96
37) 1,2-Dichloropropane	6.785	63	65605	5.695	ug/L #	97
38) Bromodichloromethane	7.100	83	79354	5.518	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	82200	5.217	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	307063	57.520	ug/L	95
42) Toluene	7.965	91	257113	5.455	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	70358	5.564	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	50395	5.936	ug/L	97
47) Tetrachloroethene	8.550	164	52713	5.635	ug/L	92
48) 2-Hexanone	8.679	43	228298	59.922	ug/L #	93
49) Dibromochloromethane	8.804	129	55197	5.869	ug/L	100
50) 1,2-Dibromoethane	8.920	107	45021	5.742	ug/L #	95
51) Chlorobenzene	9.444	112	160477	5.368	ug/L	96
52) Ethylbenzene	9.566	91	243384	5.034	ug/L	97
53) m,p-Xylene	9.692	106	97824	5.268	ug/L	96
54) o-Xylene	10.097	106	92121	5.227	ug/L	95
55) Styrene	10.113	104	164885	5.496	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	59994	5.825	ug/L	97
59) Bromoform	10.286	173	34106	5.983	ug/L #	97
60) Isopropylbenzene	10.479	105	246549	5.359	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	40833	5.933	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	180104	4.941	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	179712	5.157	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	130716	5.586	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	130672	5.425	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	121731	5.528	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	8164	6.081	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.216	180	90845	5.244	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	69555	5.234	ug/L	97
71) Naphthalene	14.087	128	97496	5.126	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	66970	5.428	ug/L	98

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

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