

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059671.D
 Acq On : 01 Jul 2024 09:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Jul 01 10:00:32 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	144395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41398	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	44096	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	17487	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.621	46	118173	57.138	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.280%
24) Chloroform-d	5.055	84	107913	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.692	65	49480	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	203210	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	64417	5.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.891	98	185424	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	20709	5.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	97736	60.602	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57647	5.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	68114	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61293	5.010	ug/L	98
3) Chloromethane	1.515	50	65748	4.993	ug/L	99
5) Vinyl chloride	1.599	62	75856	5.215	ug/L	99
6) Bromomethane	1.853	94	47974	4.743	ug/L	97
8) Chloroethane	1.927	64	49020	5.593	ug/L	97
9) Trichlorofluoromethane	2.133	101	95381	5.447	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60289	5.439	ug/L	94
12) 1,1-Dichloroethene	2.573	96	54142	5.287	ug/L	83
13) Acetone	2.631	43	69683	51.940	ug/L	91
14) Carbon disulfide	2.785	76	172930	5.061	ug/L	100
15) Methyl Acetate	2.949	43	18162	5.130	ug/L #	90
16) Methylene chloride	3.036	84	62098	5.117	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	113966	5.164	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	56942	5.346	ug/L	87
19) 1,1-Dichloroethane	3.859	63	104716	5.332	ug/L	99
21) 2-Butanone	4.702	43	112811	52.424	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	62137	5.293	ug/L	94
23) Bromochloromethane	4.968	128	29599	5.531	ug/L	87
25) Chloroform	5.078	83	112594	5.443	ug/L	100

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

27) 1,2-Dichloroethane	5.788	62	64767	5.167	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	89774	5.289	ug/L	98
30) Cyclohexane	5.380	56	76966	5.136	ug/L	95
31) Carbon tetrachloride	5.515	117	77024	5.420	ug/L	99
33) Benzene	5.766	78	244952	5.488	ug/L	100
34) Trichloroethene	6.534	95	64013	5.296	ug/L	97
35) Methylcyclohexane	6.756	83	88545	5.148	ug/L	96
37) 1,2-Dichloropropane	6.782	63	62022	5.369	ug/L #	97
38) Bromodichloromethane	7.097	83	77451	5.372	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	84461	5.347	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	278623	52.056	ug/L #	95
42) Toluene	7.962	91	268584	5.684	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	69122	5.452	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48456	5.693	ug/L	97
47) Tetrachloroethene	8.547	164	52540	5.601	ug/L	95
48) 2-Hexanone	8.679	43	209622	54.876	ug/L #	95
49) Dibromochloromethane	8.804	129	52369	5.554	ug/L	99
50) 1,2-Dibromoethane	8.917	107	43952	5.591	ug/L	94
51) Chlorobenzene	9.441	112	163881	5.468	ug/L	95
52) Ethylbenzene	9.563	91	266232	5.492	ug/L	99
53) m,p-Xylene	9.688	106	102755	5.519	ug/L	100
54) o-Xylene	10.094	106	98772	5.590	ug/L	97
55) Styrene	10.110	104	168528	5.603	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	56563	5.478	ug/L	98
59) Bromoform	10.287	173	32046	5.461	ug/L #	99
60) Isopropylbenzene	10.479	105	258434	5.456	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	38356	5.413	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	194951	5.195	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	192357	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	131773	5.470	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	130619	5.267	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	122175	5.389	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7632	5.522	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.212	180	93162	5.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	69576	5.086	ug/L	97
71) Naphthalene	14.081	128	85621	4.373	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	62745	4.940	ug/L	99

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

