

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059589.D
 Acq On : 28 Jun 2024 01:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Jun 28 02:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 00:50:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44457	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	45892	4.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	18956	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.621	46	123544	54.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	5.055	84	104763	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	51873	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	208813	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	63473	4.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.891	98	197504	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.174	79	20529	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	105154	57.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59066	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	73158	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60016	4.450	ug/L	100
3) Chloromethane	1.518	50	66436	4.577	ug/L	99
5) Vinyl chloride	1.602	62	72820	4.542	ug/L	97
6) Bromomethane	1.853	94	49292	4.421	ug/L	94
8) Chloroethane	1.930	64	46575	4.821	ug/L	98
9) Trichlorofluoromethane	2.132	101	91963	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58062	4.752	ug/L	94
12) 1,1-Dichloroethene	2.573	96	53217	4.714	ug/L	86
13) Acetone	2.634	43	74580	50.434	ug/L	92
14) Carbon disulfide	2.785	76	170768	4.534	ug/L	99
15) Methyl Acetate	2.949	43	21271	5.451	ug/L #	89
16) Methylene chloride	3.036	84	64039	4.788	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	121397	4.991	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55630	4.739	ug/L	91
19) 1,1-Dichloroethane	3.859	63	103840	4.797	ug/L	98
21) 2-Butanone	4.701	43	126752	53.440	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	61482	4.752	ug/L	95
23) Bromochloromethane	4.968	128	31344	5.313	ug/L #	82
25) Chloroform	5.078	83	111205	4.877	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68319	4.945	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	88859	4.627	ug/L	98
30) Cyclohexane	5.380	56	76156	4.492	ug/L	94
31) Carbon tetrachloride	5.515	117	75580	4.701	ug/L	98
33) Benzene	5.766	78	241303	4.778	ug/L	100
34) Trichloroethene	6.534	95	64397	4.709	ug/L	97
35) Methylcyclohexane	6.756	83	85629	4.400	ug/L	95
37) 1,2-Dichloropropane	6.785	63	63661	4.871	ug/L #	97
38) Bromodichloromethane	7.097	83	79474	4.872	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	80999	4.532	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	321343	53.065	ug/L	95
42) Toluene	7.962	91	263087	4.921	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	67772	4.724	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48833	5.071	ug/L	99
47) Tetrachloroethene	8.547	164	50878	4.794	ug/L	97
48) 2-Hexanone	8.679	43	235602	54.514	ug/L #	93
49) Dibromochloromethane	8.801	129	53434	5.009	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45885	5.159	ug/L	99
51) Chlorobenzene	9.441	112	161958	4.776	ug/L	95
52) Ethylbenzene	9.563	91	256586	4.678	ug/L	97
53) m,p-Xylene	9.688	106	102027	4.844	ug/L	94
54) o-Xylene	10.094	106	97631	4.884	ug/L	95
55) Styrene	10.110	104	171441	5.038	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	62025	5.309	ug/L	99
59) Bromoform	10.283	173	32774	4.809	ug/L #	99
60) Isopropylbenzene	10.479	105	252433	4.589	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40568	4.930	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	192984	4.429	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	188419	4.523	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	131296	4.693	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	131147	4.554	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	123574	4.694	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8468	5.276	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	92086	4.447	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	70587	4.443	ug/L	98
71) Naphthalene	14.084	128	103859	4.568	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	67829	4.598	ug/L	98

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

