

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062462.D
 Acq On : 19 Dec 2024 09:03
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Dec 20 00:25:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 01:28:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	64827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33120	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18980	4.036	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.907	69	16591	4.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	9774	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	48850	54.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.049	84	53464	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.692	65	29821	5.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	5.718	84	87988	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	26192	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	84028	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.171	79	11854	5.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.627	63	37332	52.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22375	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	31656	5.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	26479	4.055	ug/L	98
3) Chloromethane	1.515	50	23790	4.648	ug/L	99
5) Vinyl chloride	1.599	62	23533	4.416	ug/L	99
6) Bromomethane	1.853	94	17879	5.033	ug/L	94
8) Chloroethane	1.930	64	13938	4.669	ug/L	100
9) Trichlorofluoromethane	2.132	101	43824	4.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	20166	4.005	ug/L	91
12) 1,1-Dichloroethene	2.573	96	20755	4.409	ug/L	90
13) Acetone	2.647	43	35806	58.355	ug/L	100
14) Carbon disulfide	2.785	76	55860	3.753	ug/L	100
15) Methyl Acetate	2.952	43	7761	5.047	ug/L	93
16) Methylene chloride	3.036	84	26921	5.448	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	66661	5.685	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	22619	4.677	ug/L	83
19) 1,1-Dichloroethane	3.856	63	45086	5.086	ug/L	95
21) 2-Butanone	4.708	43	50402	56.562	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	27488	5.071	ug/L	88
23) Bromochloromethane	4.965	128	13460	5.665	ug/L #	78
25) Chloroform	5.078	83	56214	5.630	ug/L	100

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27) 1,2-Dichloroethane	5.785	62	35544	5.602	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	47138	5.169	ug/L	95
30) Cyclohexane	5.377	56	25742	3.481	ug/L	87
31) Carbon tetrachloride	5.515	117	39968	4.780	ug/L	100
33) Benzene	5.766	78	94850	4.721	ug/L	100
34) Trichloroethene	6.534	95	27510	4.834	ug/L	96
35) Methylcyclohexane	6.753	83	29929	3.547	ug/L	95
37) 1,2-Dichloropropane	6.782	63	24452	4.998	ug/L	100
38) Bromodichloromethane	7.097	83	39141	5.671	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	37634	4.799	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	127292	55.516	ug/L #	91
42) Toluene	7.962	91	102229	4.719	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	32764	5.117	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	20403	5.524	ug/L	97
47) Tetrachloroethene	8.544	164	18978	4.319	ug/L	96
48) 2-Hexanone	8.676	43	95028	56.080	ug/L #	95
49) Dibromochloromethane	8.801	129	26178	5.867	ug/L	94
50) 1,2-Dibromoethane	8.914	107	20478	5.770	ug/L #	99
51) Chlorobenzene	9.438	112	64496	4.646	ug/L	97
52) Ethylbenzene	9.563	91	106334	4.378	ug/L	98
53) m,p-Xylene	9.685	106	40020	4.463	ug/L	95
54) o-Xylene	10.090	106	39976	4.584	ug/L	98
55) Styrene	10.106	104	67238	4.677	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.772	83	23810	5.539	ug/L #	96
59) Bromoform	10.280	173	15388	5.912	ug/L	99
60) Isopropylbenzene	10.476	105	104868	4.383	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17331	5.659	ug/L	93
62) 1,3,5-Trimethylbenzene	11.081	105	89024	4.397	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	88331	4.453	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	51966	4.728	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	50742	4.585	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	50079	4.931	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	4095	6.130	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	36592	4.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	28045	4.348	ug/L	97
71) Naphthalene	14.081	128	42092	4.346	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	24726	4.347	ug/L	99

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

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