

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042924\
 Data File : VU058819.D
 Acq On : 29 Apr 2024 16:00
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

Quant Time: Apr 30 06:13:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 30 06:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18125	3.344	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.901	69	14274	3.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.557	65	11137	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.611	46	40601	42.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.049	84	56094	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	26948	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.717	84	94179	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	25966	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	87498	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	11013	4.932	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.627	63	30820	46.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17900	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	30933	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	39384	5.218	ug/L	97
3) Chloromethane	1.512	50	22004	3.724	ug/L	100
5) Vinyl chloride	1.595	62	23659	3.947	ug/L	95
6) Bromomethane	1.846	94	14471	4.079	ug/L	99
8) Chloroethane	1.923	64	12851	3.806	ug/L	99
9) Trichlorofluoromethane	2.129	101	49269	5.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28011	5.009	ug/L	96
12) 1,1-Dichloroethene	2.570	96	23840	4.750	ug/L	95
13) Acetone	2.615	43	26409	40.119	ug/L	100
14) Carbon disulfide	2.782	76	73857	4.326	ug/L	98
15) Methyl Acetate	2.946	43	6805	4.312	ug/L	98
16) Methylene chloride	3.033	84	26567	4.919	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	55683	4.901	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	24872	4.948	ug/L	94
19) 1,1-Dichloroethane	3.853	63	49804	4.678	ug/L	97
21) 2-Butanone	4.692	43	40730	39.348	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	27032	4.895	ug/L	96
23) Bromochloromethane	4.962	128	10941	5.060	ug/L	83
25) Chloroform	5.074	83	56068	5.067	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35113	5.304	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	54946	5.699	ug/L	98
30) Cyclohexane	5.377	56	40237	4.421	ug/L	92
31) Carbon tetrachloride	5.515	117	50348	5.908	ug/L	99
33) Benzene	5.762	78	106520	4.766	ug/L	100
34) Trichloroethene	6.534	95	30638	5.038	ug/L	98
35) Methylcyclohexane	6.753	83	43481	4.705	ug/L	96
37) 1,2-Dichloropropane	6.782	63	25681	4.399	ug/L #	97
38) Bromodichloromethane	7.097	83	37537	5.190	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	38476	4.760	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	106406	41.294	ug/L	98
42) Toluene	7.962	91	115866	5.016	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	31988	5.141	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	16882	5.026	ug/L	95
47) Tetrachloroethene	8.550	164	23186	5.432	ug/L	97
48) 2-Hexanone	8.679	43	78155	42.696	ug/L	97
49) Dibromochloromethane	8.801	129	21927	5.573	ug/L	95
50) 1,2-Dibromoethane	8.917	107	15455	5.000	ug/L	100
51) Chlorobenzene	9.441	112	71476	5.079	ug/L	98
52) Ethylbenzene	9.566	91	129286	5.075	ug/L	98
53) m,p-Xylene	9.688	106	49410	5.281	ug/L	95
54) o-Xylene	10.093	106	47389	5.342	ug/L	92
55) Styrene	10.110	104	78075	5.403	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	17703	4.522	ug/L #	99
59) Bromoform	10.286	173	12045	4.984	ug/L	99
60) Isopropylbenzene	10.479	105	132817	4.852	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13462	4.286	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	112365	4.932	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	108966	5.055	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	58943	4.996	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	59557	5.173	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52001	5.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	2967	5.466	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.216	180	45200	5.355	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29239	4.983	ug/L	97
71) Naphthalene	14.084	128	30859	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	23834	5.125	ug/L	98

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

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