

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059413.D
 Acq On : 21 Jun 2024 15:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Jun 22 01:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	175717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44514	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.907	69	47265	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	18999	3.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.618	46	139514	55.432	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.055	84	106261	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	54199	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	203053	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.685	67	65428	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.894	98	181081	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.177	79	22095	4.895	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.627	63	111177	59.280	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58539	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	70928	4.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	69760	4.685	ug/L	98
3) Chloromethane	1.518	50	78598	4.905	ug/L	100
5) Vinyl chloride	1.599	62	85996	4.858	ug/L	99
6) Bromomethane	1.849	94	54845	4.456	ug/L	97
8) Chloroethane	1.927	64	51422	4.821	ug/L	100
9) Trichlorofluoromethane	2.132	101	99545	4.671	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62391	4.625	ug/L	96
12) 1,1-Dichloroethene	2.573	96	59102	4.742	ug/L	89
13) Acetone	2.621	43	81830	50.121	ug/L	97
14) Carbon disulfide	2.785	76	189890	4.567	ug/L	100
15) Methyl Acetate	2.946	43	23583	5.474	ug/L	94
16) Methylene chloride	3.039	84	73396	4.970	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	144912	5.396	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	64216	4.955	ug/L	92
19) 1,1-Dichloroethane	3.859	63	114504	4.791	ug/L	99
21) 2-Butanone	4.695	43	145033	55.384	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	71330	4.993	ug/L	96
23) Bromochloromethane	4.968	128	32549	4.998	ug/L	88
25) Chloroform	5.081	83	121023	4.808	ug/L	99

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 VSTD005117

Quant Time: Jun 22 01:32:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	78078	5.118	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	97161	4.922	ug/L	98
30) Cyclohexane	5.383	56	94213	5.406	ug/L	96
31) Carbon tetrachloride	5.518	117	81211	4.914	ug/L	100
33) Benzene	5.769	78	268613	5.175	ug/L	100
34) Trichloroethene	6.537	95	73442	5.225	ug/L	97
35) Methylcyclohexane	6.759	83	107338	5.366	ug/L	94
37) 1,2-Dichloropropane	6.785	63	69740	5.192	ug/L #	98
38) Bromodichloromethane	7.100	83	84830	5.059	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	98511	5.363	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	364973	58.638	ug/L	97
42) Toluene	7.965	91	293345	5.338	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	82541	5.598	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	53364	5.391	ug/L	96
47) Tetrachloroethene	8.550	164	56790	5.206	ug/L	97
48) 2-Hexanone	8.679	43	264980	59.652	ug/L	97
49) Dibromochloromethane	8.804	129	57269	5.223	ug/L	95
50) 1,2-Dibromoethane	8.920	107	50081	5.479	ug/L	98
51) Chlorobenzene	9.444	112	181616	5.211	ug/L	96
52) Ethylbenzene	9.566	91	301446	5.347	ug/L	96
53) m,p-Xylene	9.692	106	117920	5.447	ug/L	95
54) o-Xylene	10.097	106	111861	5.444	ug/L	97
55) Styrene	10.110	104	194213	5.552	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	64363	5.360	ug/L	99
59) Bromoform	10.286	173	35383	4.986	ug/L	97
60) Isopropylbenzene	10.479	105	297795	5.199	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45138	5.267	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	234359	5.164	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	238046	5.486	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	147495	5.062	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	148198	4.942	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	137880	5.029	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9684	5.794	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	109939	5.097	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	89899	5.434	ug/L	97
71) Naphthalene	14.084	128	154876	6.540	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82771	5.388	ug/L	98

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

