

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059564.D
 Acq On : 27 Jun 2024 15:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jun 28 00:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 27 02:36:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42659	3.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	42725	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.560	65	18717	3.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.615	46	98484	41.831	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.660%
24) Chloroform-d	5.055	84	101539	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.698	65	46807	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.721	84	199921	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	60242	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.894	98	189250	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	19843	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.627	63	79976	44.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49619	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	66339	4.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62752	4.505	ug/L	99
3) Chloromethane	1.518	50	71037	4.739	ug/L	98
5) Vinyl chloride	1.602	62	78691	4.752	ug/L	99
6) Bromomethane	1.853	94	52447	4.555	ug/L	96
8) Chloroethane	1.930	64	47219	4.732	ug/L	99
9) Trichlorofluoromethane	2.132	101	96527	4.842	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61050	4.838	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56189	4.820	ug/L	87
13) Acetone	2.621	43	69413	45.450	ug/L	92
14) Carbon disulfide	2.788	76	177514	4.564	ug/L	99
15) Methyl Acetate	2.946	43	19046	4.726	ug/L	93
16) Methylene chloride	3.039	84	65481	4.740	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	119005	4.737	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	58009	4.785	ug/L	94
19) 1,1-Dichloroethane	3.862	63	106684	4.772	ug/L	97
21) 2-Butanone	4.695	43	116442	47.535	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	64603	4.834	ug/L	92
23) Bromochloromethane	4.968	128	29191	4.791	ug/L	90
25) Chloroform	5.081	83	114573	4.865	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68085	4.771	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	91768	4.823	ug/L	99
30) Cyclohexane	5.383	56	81409	4.846	ug/L	92
31) Carbon tetrachloride	5.518	117	79014	4.960	ug/L	99
33) Benzene	5.769	78	246963	4.936	ug/L	100
34) Trichloroethene	6.537	95	66073	4.876	ug/L	96
35) Methylcyclohexane	6.759	83	94844	4.919	ug/L	95
37) 1,2-Dichloropropane	6.785	63	64407	4.974	ug/L #	98
38) Bromodichloromethane	7.100	83	80550	4.984	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	87566	4.945	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	286961	47.827	ug/L	96
42) Toluene	7.965	91	273102	5.155	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	71271	5.014	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	47876	5.018	ug/L	96
47) Tetrachloroethene	8.550	164	53884	5.124	ug/L	97
48) 2-Hexanone	8.679	43	210494	49.156	ug/L	95
49) Dibromochloromethane	8.804	129	51894	4.910	ug/L	96
50) 1,2-Dibromoethane	8.920	107	43682	4.957	ug/L	98
51) Chlorobenzene	9.441	112	168820	5.025	ug/L	95
52) Ethylbenzene	9.566	91	273519	5.033	ug/L	96
53) m,p-Xylene	9.688	106	107013	5.127	ug/L	99
54) o-Xylene	10.097	106	101565	5.128	ug/L	93
55) Styrene	10.110	104	178152	5.284	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	56275	4.862	ug/L	99
59) Bromoform	10.286	173	31168	4.562	ug/L	99
60) Isopropylbenzene	10.479	105	268216	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	38975	4.725	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	208554	4.774	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	201645	4.828	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	136505	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	135534	4.695	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	127284	4.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	7666	4.765	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	100549	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	74982	4.708	ug/L	97
71) Naphthalene	14.084	128	105501	4.629	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	70175	4.746	ug/L	99

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

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