

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061856.D
 Acq On : 19 Nov 2024 19:11
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV048

Quant Time: Nov 20 01:39:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 01:26:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	217451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37851	4.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.907	69	35594	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	15588	4.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.627	46	115550	47.973	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.940%
24) Chloroform-d	5.052	84	96497	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	46932	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.717	84	172794	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.682	67	71471	6.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.400%
41) Toluene-d8	7.888	98	196437	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.174	79	26315	5.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.624	63	119789	58.442	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51376	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	61860	4.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	56321	4.096	ug/L	99
3) Chloromethane	1.515	50	57138	4.479	ug/L	100
5) Vinyl chloride	1.599	62	61888	4.262	ug/L	94
6) Bromomethane	1.853	94	41515	4.352	ug/L	98
8) Chloroethane	1.930	64	42496	3.824	ug/L	95
9) Trichlorofluoromethane	2.132	101	83599	3.983	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48179	3.942	ug/L	98
12) 1,1-Dichloroethene	2.573	96	47101	4.174	ug/L	96
13) Acetone	2.644	43	67456	43.355	ug/L	97
14) Carbon disulfide	2.785	76	145664	4.141	ug/L	99
15) Methyl Acetate	2.952	43	17725	4.595	ug/L	97
16) Methylene chloride	3.036	84	56954	4.316	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	121833	4.463	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	53447	4.235	ug/L	98
19) 1,1-Dichloroethane	3.859	63	97247	4.231	ug/L	96
21) 2-Butanone	4.708	43	112581	41.783	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	62095	4.343	ug/L	100
23) Bromochloromethane	4.965	128	27147	4.175	ug/L	93
25) Chloroform	5.074	83	106590	4.312	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	62756	4.168	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	85915	4.624	ug/L	99
30) Cyclohexane	5.377	56	82356	4.542	ug/L	99
31) Carbon tetrachloride	5.515	117	73546	4.660	ug/L	100
33) Benzene	5.766	78	234958	4.729	ug/L	100
34) Trichloroethene	6.534	95	62030	4.352	ug/L	97
35) Methylcyclohexane	6.753	83	110972	5.141	ug/L	99
37) 1,2-Dichloropropane	6.782	63	71985	5.349	ug/L	100
38) Bromodichloromethane	7.097	83	86513	5.053	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	104001	4.949	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	353697	48.338	ug/L	100
42) Toluene	7.962	91	316074	4.619	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	82328	4.678	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	54149	4.532	ug/L	98
47) Tetrachloroethene	8.547	164	56404	4.340	ug/L	98
48) 2-Hexanone	8.676	43	266227	47.654	ug/L	97
49) Dibromochloromethane	8.801	129	57584	4.641	ug/L	100
50) 1,2-Dibromoethane	8.917	107	54636	4.834	ug/L	100
51) Chlorobenzene	9.441	112	196925	4.348	ug/L	98
52) Ethylbenzene	9.563	91	351970	4.718	ug/L	99
53) m,p-Xylene	9.685	106	121509	4.300	ug/L	99
54) o-Xylene	10.093	106	97516	3.688	ug/L	98
55) Styrene	10.106	104	158962	3.815	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	52491	4.087	ug/L	99
59) Bromoform	10.283	173	24390	4.039	ug/L	100
60) Isopropylbenzene	10.476	105	255479	4.051	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37078	4.593	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	198980	4.199	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	197055	4.231	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	113487	4.151	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	112063	4.044	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	109052	4.541	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6111	4.821	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.212	180	76436	4.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	60899	4.205	ug/L	100
71) Naphthalene	14.080	128	103095	4.377	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56511	4.399	ug/L	97

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

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