

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112724\
 Data File : VU062053.D
 Acq On : 27 Nov 2024 13:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: Nov 28 02:09:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 02:06:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	116916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27185	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	20074	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.563	65	12533	5.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.628	46	66818	34.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.840%
24) Chloroform-d	5.055	84	63539	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.695	65	31533	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.718	84	113384	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.682	67	35166	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	104035	5.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	14477	5.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	47057	35.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29687	3.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	38960	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59958	5.438	ug/L	100
3) Chloromethane	1.518	50	50057	4.405	ug/L	99
5) Vinyl chloride	1.602	62	51201	4.385	ug/L	99
6) Bromomethane	1.856	94	31654	4.554	ug/L	98
8) Chloroethane	1.930	64	28435	3.777	ug/L	96
9) Trichlorofluoromethane	2.133	101	82108	5.559	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46618	5.130	ug/L	94
12) 1,1-Dichloroethene	2.576	96	41189	4.874	ug/L	94
13) Acetone	2.644	43	63324	47.250	ug/L	93
14) Carbon disulfide	2.788	76	124508	4.632	ug/L	100
15) Methyl Acetate	2.956	43	14699	4.271	ug/L	92
16) Methylene chloride	3.039	84	45088	4.443	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	103708	4.788	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	43652	4.886	ug/L	90
19) 1,1-Dichloroethane	3.859	63	82671	4.750	ug/L	98
21) 2-Butanone	4.708	43	99636	46.000	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	49380	4.911	ug/L	95
23) Bromochloromethane	4.965	128	21619	4.947	ug/L	91
25) Chloroform	5.078	83	90051	4.950	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56674	4.843	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	82780	6.143	ug/L	95
30) Cyclohexane	5.380	56	73417	5.209	ug/L	97
31) Carbon tetrachloride	5.518	117	73942	6.462	ug/L	97
33) Benzene	5.766	78	185827	5.263	ug/L	100
34) Trichloroethene	6.534	95	51410	5.455	ug/L	98
35) Methylcyclohexane	6.753	83	78210	5.426	ug/L	99
37) 1,2-Dichloropropane	6.782	63	48455	5.282	ug/L	99
38) Bromodichloromethane	7.097	83	63629	5.719	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	71800	5.582	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	237983	48.082	ug/L	94
42) Toluene	7.962	91	204590	5.522	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	59272	5.803	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34956	5.173	ug/L	97
47) Tetrachloroethene	8.547	164	39462	5.758	ug/L	96
48) 2-Hexanone	8.679	43	168414	45.435	ug/L #	94
49) Dibromochloromethane	8.801	129	41208	5.772	ug/L	96
50) 1,2-Dibromoethane	8.914	107	33381	4.977	ug/L #	99
51) Chlorobenzene	9.441	112	126307	4.977	ug/L	98
52) Ethylbenzene	9.563	91	225298	5.081	ug/L	100
53) m,p-Xylene	9.685	106	82781	5.291	ug/L	95
54) o-Xylene	10.094	106	82364	5.215	ug/L	97
55) Styrene	10.107	104	135970	5.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	42748	4.936	ug/L	96
59) Bromoform	10.283	173	23156	5.119	ug/L	99
60) Isopropylbenzene	10.476	105	224696	4.736	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29293	4.164	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	188625	4.984	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	183217	4.855	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	98939	4.697	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	98020	4.808	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	91720	5.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6037	5.029	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	70108	5.594	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50570	5.265	ug/L	96
71) Naphthalene	14.084	128	66958	4.325	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	42209	5.102	ug/L	99

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

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