

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061488.D
 Acq On : 06 Nov 2024 06:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Nov 06 07:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155816	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65853	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38538	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.911	69	42129	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	16945	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.624	46	117935	54.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.052	84	99451	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	49871	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.718	84	186488	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	59935	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	164955	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.174	79	20098	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.624	63	109310	53.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49668	5.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	56635	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	40202	3.870	ug/L	98
3) Chloromethane	1.518	50	47311	4.319	ug/L	100
5) Vinyl chloride	1.599	62	51488	4.275	ug/L	96
6) Bromomethane	1.853	94	34186	4.283	ug/L	96
8) Chloroethane	1.930	64	46431	5.236	ug/L	96
9) Trichlorofluoromethane	2.133	101	67358	4.118	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	35687	3.674	ug/L	97
12) 1,1-Dichloroethene	2.573	96	39772	4.317	ug/L	98
13) Acetone	2.644	43	71306	52.388	ug/L	98
14) Carbon disulfide	2.785	76	108270	3.523	ug/L	98
15) Methyl Acetate	2.952	43	18680	5.542	ug/L	100
16) Methylene chloride	3.039	84	54752	5.044	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	133393	5.343	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	46492	4.564	ug/L	98
19) 1,1-Dichloroethane	3.859	63	98005	5.101	ug/L	99
21) 2-Butanone	4.705	43	122220	56.641	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	60414	5.192	ug/L	94
23) Bromochloromethane	4.965	128	27254	5.567	ug/L	97
25) Chloroform	5.078	83	106905	5.292	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66858	5.237	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	79256	4.481	ug/L	100
30) Cyclohexane	5.380	56	54117	3.050	ug/L	98
31) Carbon tetrachloride	5.515	117	59694	3.944	ug/L	98
33) Benzene	5.766	78	219173	4.906	ug/L	100
34) Trichloroethene	6.534	95	53969	4.441	ug/L	98
35) Methylcyclohexane	6.753	83	55953	2.893	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60801	5.370	ug/L	100
38) Bromodichloromethane	7.097	83	70979	4.953	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	79248	4.532	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	313118	55.564	ug/L	98
42) Toluene	7.962	91	225282	4.644	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63800	4.478	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	45982	5.643	ug/L	99
47) Tetrachloroethene	8.547	164	36002	4.242	ug/L	98
48) 2-Hexanone	8.676	43	220307	55.285	ug/L	98
49) Dibromochloromethane	8.801	129	45978	4.975	ug/L	98
50) 1,2-Dibromoethane	8.914	107	42640	5.387	ug/L	100
51) Chlorobenzene	9.438	112	145846	4.757	ug/L	97
52) Ethylbenzene	9.563	91	223422	4.187	ug/L	100
53) m,p-Xylene	9.685	106	84671	4.165	ug/L	96
54) o-Xylene	10.090	106	85892	4.281	ug/L	98
55) Styrene	10.107	104	145709	4.530	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	55467	5.649	ug/L	98
59) Bromoform	10.283	173	24351	4.995	ug/L	99
60) Isopropylbenzene	10.476	105	210200	4.178	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38373	5.850	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	165815	4.049	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	168432	4.161	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	101244	4.782	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	101423	4.699	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	99697	5.003	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7148	5.189	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	66874	4.608	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	56085	4.789	ug/L	98
71) Naphthalene	14.081	128	122526	6.630	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	50424	5.146	ug/L	99

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

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