

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061733.D
 Acq On : 16 Nov 2024 09:17
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Nov 18 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49510	4.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.911	69	47859	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.560	65	22623	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.624	46	132961	51.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.052	84	114476	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	55852	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	223936	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	69092	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	209204	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.174	79	24986	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.627	63	109365	51.216	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59045	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	70256	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	70323	4.996	ug/L	99
3) Chloromethane	1.515	50	63395	4.965	ug/L	99
5) Vinyl chloride	1.602	62	70341	4.992	ug/L	98
6) Bromomethane	1.856	94	40468	4.813	ug/L	97
8) Chloroethane	1.930	64	49686	5.083	ug/L	100
9) Trichlorofluoromethane	2.133	101	100998	4.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	63903	5.218	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57340	5.016	ug/L	96
13) Acetone	2.644	43	100880	61.655	ug/L	100
14) Carbon disulfide	2.788	76	175677	4.784	ug/L	100
15) Methyl Acetate	2.952	43	21736	5.317	ug/L	97
16) Methylene chloride	3.039	84	65423	4.966	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	140059	4.999	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	60759	4.845	ug/L	98
19) 1,1-Dichloroethane	3.859	63	115860	5.068	ug/L	96
21) 2-Butanone	4.705	43	149518	55.952	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	71082	5.027	ug/L	96
23) Bromochloromethane	4.965	128	30972	4.931	ug/L	94
25) Chloroform	5.078	83	122552	5.086	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	76612	5.067	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	102825	5.026	ug/L	99
30) Cyclohexane	5.380	56	103149	5.047	ug/L	99
31) Carbon tetrachloride	5.515	117	88859	5.099	ug/L	100
33) Benzene	5.766	78	273788	5.031	ug/L	100
34) Trichloroethene	6.534	95	74154	5.047	ug/L	99
35) Methylcyclohexane	6.756	83	116747	5.269	ug/L	99
37) 1,2-Dichloropropane	6.782	63	72121	5.224	ug/L	100
38) Bromodichloromethane	7.097	83	83281	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	100854	5.133	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	355748	53.745	ug/L	99
42) Toluene	7.962	91	303468	5.180	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	79983	5.132	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	52848	5.251	ug/L	97
47) Tetrachloroethene	8.544	164	55749	5.049	ug/L	93
48) 2-Hexanone	8.679	43	265929	56.188	ug/L	98
49) Dibromochloromethane	8.801	129	54446	5.159	ug/L	97
50) 1,2-Dibromoethane	8.917	107	49614	5.227	ug/L	97
51) Chlorobenzene	9.441	112	191956	5.090	ug/L	99
52) Ethylbenzene	9.563	91	322834	5.173	ug/L	100
53) m,p-Xylene	9.685	106	124385	5.209	ug/L	100
54) o-Xylene	10.094	106	119473	5.147	ug/L	100
55) Styrene	10.107	104	194099	5.252	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	62790	5.127	ug/L	94
59) Bromoform	10.283	173	29401	5.100	ug/L	99
60) Isopropylbenzene	10.476	105	315163	5.218	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42507	5.181	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	248424	5.137	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	247713	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	142063	5.129	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	139009	4.942	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	131824	5.117	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7513	5.244	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	97944	5.064	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	73203	4.884	ug/L	98
71) Naphthalene	14.084	128	97231	4.518	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	60396	4.800	ug/L	97

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

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