

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061731.D
 Acq On : 15 Nov 2024 19:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: Nov 15 22:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	176417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48958	4.295	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.908	69	51636	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	21473	4.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.624	46	130514	53.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	5.052	84	111919	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	54087	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	220501	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	66631	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	200074	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	23185	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.628	63	113447	56.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56953	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71420	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	68167	5.199	ug/L	98
3) Chloromethane	1.515	50	59762	5.024	ug/L	99
5) Vinyl chloride	1.599	62	69187	5.271	ug/L	98
6) Bromomethane	1.853	94	40957	5.229	ug/L	95
8) Chloroethane	1.930	64	55513	6.096	ug/L	98
9) Trichlorofluoromethane	2.133	101	99325	5.147	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61109	5.357	ug/L	98
12) 1,1-Dichloroethene	2.573	96	55766	5.236	ug/L	90
13) Acetone	2.637	43	83327	54.667	ug/L	99
14) Carbon disulfide	2.785	76	165986	4.853	ug/L	99
15) Methyl Acetate	2.953	43	20054	5.266	ug/L	98
16) Methylene chloride	3.036	84	66408	5.411	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	140717	5.391	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	61171	5.237	ug/L	96
19) 1,1-Dichloroethane	3.859	63	113315	5.321	ug/L	97
21) 2-Butanone	4.705	43	134763	54.135	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	70170	5.326	ug/L	98
23) Bromochloromethane	4.965	128	31865	5.446	ug/L	97
25) Chloroform	5.078	83	120302	5.359	ug/L	97

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27) 1,2-Dichloroethane	5.785	62	74579	5.295	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	98972	5.146	ug/L	100
30) Cyclohexane	5.380	56	99306	5.169	ug/L	99
31) Carbon tetrachloride	5.515	117	85751	5.235	ug/L	100
33) Benzene	5.766	78	269922	5.277	ug/L	100
34) Trichloroethene	6.534	95	71373	5.168	ug/L	97
35) Methylcyclohexane	6.753	83	109375	5.251	ug/L	100
37) 1,2-Dichloropropane	6.782	63	69405	5.348	ug/L	99
38) Bromodichloromethane	7.097	83	79825	5.127	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	95823	5.188	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	346413	55.675	ug/L	99
42) Toluene	7.962	91	293683	5.332	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75636	5.163	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	50964	5.387	ug/L	98
47) Tetrachloroethene	8.544	164	53608	5.165	ug/L	98
48) 2-Hexanone	8.676	43	252922	56.850	ug/L	99
49) Dibromochloromethane	8.801	129	51489	5.191	ug/L	100
50) 1,2-Dibromoethane	8.914	107	47996	5.379	ug/L	97
51) Chlorobenzene	9.438	112	188234	5.310	ug/L	99
52) Ethylbenzene	9.563	91	313913	5.351	ug/L	99
53) m,p-Xylene	9.685	106	119976	5.345	ug/L	99
54) o-Xylene	10.094	106	117574	5.389	ug/L	98
55) Styrene	10.107	104	191204	5.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	62375	5.418	ug/L	94
59) Bromoform	10.283	173	27935	5.084	ug/L	100
60) Isopropylbenzene	10.476	105	311948	5.418	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41958	5.365	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	244198	5.298	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	243058	5.417	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	139896	5.299	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	139384	5.199	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	128927	5.251	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7388	5.410	ug/L	96
69) 1,3,5-Trichlorobenzene	13.213	180	99015	5.371	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	80002	5.600	ug/L	98
71) Naphthalene	14.081	128	122971	5.996	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	69307	5.779	ug/L	99

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

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