

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092724\
 Data File : VU061031.D
 Acq On : 27 Sep 2024 13:47
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

Quant Time: Sep 28 04:05:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 28 04:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51053	3.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	45295	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.560	65	19205	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.631	46	124531	60.309	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.620%
24) Chloroform-d	5.055	84	103876	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	49984	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.718	84	184594	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	65428	5.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.891	98	165855	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	22115	5.047	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	104383	60.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55771	5.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	57440	4.682	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52137	4.830	ug/L	99
3) Chloromethane	1.518	50	61687	5.410	ug/L	98
5) Vinyl chloride	1.599	62	68039	5.513	ug/L	97
6) Bromomethane	1.853	94	36216	4.592	ug/L	94
8) Chloroethane	1.930	64	44197	5.862	ug/L	98
9) Trichlorofluoromethane	2.133	101	89076	5.255	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	53218	5.403	ug/L	97
12) 1,1-Dichloroethene	2.573	96	46675	5.189	ug/L	95
13) Acetone	2.650	43	76354	55.426	ug/L	95
14) Carbon disulfide	2.789	76	119043	4.770	ug/L	99
15) Methyl Acetate	2.952	43	19768	5.886	ug/L	99
16) Methylene chloride	3.039	84	57726	5.541	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	104024	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	46979	5.040	ug/L	99
19) 1,1-Dichloroethane	3.859	63	104111	5.563	ug/L	97
21) 2-Butanone	4.708	43	122921	54.814	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	54158	5.250	ug/L	98
23) Bromochloromethane	4.972	128	25286	5.190	ug/L	94
25) Chloroform	5.078	83	106549	5.460	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59790	5.287	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	83956	5.298	ug/L	97
30) Cyclohexane	5.380	56	64496	4.951	ug/L	99
31) Carbon tetrachloride	5.515	117	74024	5.276	ug/L	99
33) Benzene	5.766	78	223886	5.547	ug/L	100
34) Trichloroethene	6.534	95	54562	5.157	ug/L	97
35) Methylcyclohexane	6.756	83	71739	4.942	ug/L	100
37) 1,2-Dichloropropane	6.782	63	64193	5.771	ug/L	99
38) Bromodichloromethane	7.097	83	76948	5.640	ug/L #	96
39) cis-1,3-Dichloropropene	7.599	75	79653	5.385	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	302707	58.284	ug/L	97
42) Toluene	7.962	91	233878	5.542	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	67439	5.544	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	44570	5.551	ug/L	98
47) Tetrachloroethene	8.547	164	40749	4.846	ug/L	98
48) 2-Hexanone	8.676	43	224364	59.266	ug/L	99
49) Dibromochloromethane	8.801	129	47434	5.189	ug/L	96
50) 1,2-Dibromoethane	8.917	107	38394	5.358	ug/L #	99
51) Chlorobenzene	9.441	112	141401	4.990	ug/L	97
52) Ethylbenzene	9.563	91	230081	5.179	ug/L	97
53) m,p-Xylene	9.689	106	86202	5.117	ug/L	95
54) o-Xylene	10.094	106	83919	5.048	ug/L	97
55) Styrene	10.110	104	147429	5.262	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	57869	5.778	ug/L #	98
59) Bromoform	10.283	173	27965	5.082	ug/L	99
60) Isopropylbenzene	10.476	105	225429	5.210	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	37568	5.517	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	163349	4.858	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	161471	4.860	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	109786	5.046	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	109164	4.854	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	103142	5.014	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7184	5.403	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	72895	4.479	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	52947	4.619	ug/L	97
71) Naphthalene	14.081	128	69808	4.617	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46849	4.730	ug/L	98

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

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