

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060563.D
 Acq On : 29 Aug 2024 11:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Aug 29 23:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 05:46:35 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	171272	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	172989	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	88178	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	54179	7.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 143.200%#		
7) Chloroethane-d5		1.911	69	52172	4.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 91.000%		
11) 1,1-Dichloroethene-d2		2.560	65	26028	5.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 116.800%		
20) 2-Butanone-d5		4.640	46	118069	45.388	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130		Recovery	= 90.780%		
24) Chloroform-d		5.055	84	122457	5.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 113.600%		
26) 1,2-Dichloroethane-d4		5.695	65	57874	5.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 102.800%		
32) Benzene-d6		5.721	84	239229	6.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 126.400%#		
36) 1,2-Dichloropropane-d6		6.685	67	74079	6.070	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 121.400%		
41) Toluene-d8		7.891	98	223650	6.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 126.000%		
43) trans-1,3-Dichloroprop...		8.174	79	25335	5.801	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 116.000%		
46) 2-Hexanone-d5		8.631	63	97482	46.618	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 93.240%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	59399	5.469	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 109.400%		
66) 1,2-Dichlorobenzene-d4		12.187	152	76976	5.920	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 118.400%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.383	85	91933	4.730	ug/L	99
3) Chloromethane		1.515	50	85696	5.089	ug/L	99
5) Vinyl chloride		1.599	62	88361	5.329	ug/L	99
6) Bromomethane		1.853	94	59445	3.562	ug/L	96
8) Chloroethane		1.930	64	50275	3.323	ug/L	99
9) Trichlorofluoromethane		2.132	101	130577	3.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.573	101	73518	4.820	ug/L	97
12) 1,1-Dichloroethene		2.573	96	66438	4.733	ug/L	97
13) Acetone		2.663	43	77893	35.784	ug/L	88
14) Carbon disulfide		2.785	76	204784	4.496	ug/L	99
15) Methyl Acetate		2.962	43	21905	4.921	ug/L	98
16) Methylene chloride		3.039	84	73479	5.389	ug/L	82
17) Methyl tert-butyl Ether		3.358	73	136292	4.784	ug/L	96
18) trans-1,2-Dichloroethene		3.348	96	64113	5.246	ug/L	96
19) 1,1-Dichloroethane		3.862	63	123416	4.984	ug/L	96
21) 2-Butanone		4.718	43	140989	47.363	ug/L	99
22) cis-1,2-Dichloroethene		4.660	96	69541	5.107	ug/L	92
23) Bromochloromethane		4.968	128	35289	5.702	ug/L	88
25) Chloroform		5.081	83	130288	4.971	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74501	4.235	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	114463	4.831	ug/L	96
30) Cyclohexane	5.383	56	91826	4.681	ug/L	96
31) Carbon tetrachloride	5.518	117	105745	4.829	ug/L	99
33) Benzene	5.766	78	278985	5.085	ug/L	100
34) Trichloroethene	6.537	95	72192	4.854	ug/L	97
35) Methylcyclohexane	6.756	83	104582	5.125	ug/L	95
37) 1,2-Dichloropropane	6.785	63	72653	5.168	ug/L #	96
38) Bromodichloromethane	7.100	83	92278	4.995	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	98797	4.793	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	338252	46.198	ug/L	94
42) Toluene	7.965	91	304730	5.256	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	83609	4.941	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	53814	5.284	ug/L	96
47) Tetrachloroethene	8.550	164	63038	5.171	ug/L	94
48) 2-Hexanone	8.682	43	252120	46.011	ug/L	94
49) Dibromochloromethane	8.804	129	63447	5.381	ug/L	96
50) 1,2-Dibromoethane	8.920	107	49402	5.284	ug/L	98
51) Chlorobenzene	9.441	112	190909	5.086	ug/L	98
52) Ethylbenzene	9.566	91	301539	4.908	ug/L	99
53) m,p-Xylene	9.688	106	120024	5.254	ug/L	97
54) o-Xylene	10.097	106	116568	4.985	ug/L	94
55) Styrene	10.110	104	200061	5.221	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	62953	4.841	ug/L	93
59) Bromoform	10.283	173	38576	5.323	ug/L	98
60) Isopropylbenzene	10.479	105	302012	5.127	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	45082	5.300	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	232369	5.292	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	232609	5.193	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	151006	5.238	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	152420	5.210	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	141455	5.230	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9086	4.732	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	109621	4.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80588	4.493	ug/L	99
71) Naphthalene	14.084	128	104046	4.541	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71829	4.785	ug/L	98

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

