

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058545.D
 Acq On : 10 Apr 2024 03:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Quant Time: Apr 10 04:42:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32756	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23347	5.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.907	69	19221	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.557	65	10099	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.627	46	42828	45.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.020%
24) Chloroform-d	5.052	84	44745	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.692	65	20298	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	85671	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	26505	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	76898	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	7996	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	31061	44.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16510	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23182	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	29124	5.180	ug/L	98
3) Chloromethane	1.512	50	37911	5.510	ug/L	98
5) Vinyl chloride	1.595	62	38231	5.563	ug/L	100
6) Bromomethane	1.849	94	17672	5.436	ug/L	99
8) Chloroethane	1.927	64	24976	5.753	ug/L	100
9) Trichlorofluoromethane	2.132	101	51030	5.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29292	5.432	ug/L	98
12) 1,1-Dichloroethene	2.573	96	25824	5.402	ug/L	93
13) Acetone	2.640	43	41287	51.398	ug/L	99
14) Carbon disulfide	2.785	76	80665	5.312	ug/L	99
15) Methyl Acetate	2.949	43	11174	5.895	ug/L	96
16) Methylene chloride	3.036	84	34185	5.388	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	61790	5.472	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	28183	5.625	ug/L	95
19) 1,1-Dichloroethane	3.856	63	63429	5.800	ug/L	99
21) 2-Butanone	4.705	43	65507	54.560	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	31883	5.667	ug/L	96
23) Bromochloromethane	4.965	128	12662	5.712	ug/L	95
25) Chloroform	5.078	83	61777	5.837	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	36790	5.708	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	50043	5.823	ug/L	98
30) Cyclohexane	5.380	56	49330	5.435	ug/L	98
31) Carbon tetrachloride	5.515	117	42027	5.774	ug/L	99
33) Benzene	5.766	78	135366	5.825	ug/L	100
34) Trichloroethene	6.534	95	33489	5.718	ug/L	94
35) Methylcyclohexane	6.756	83	47083	5.335	ug/L	98
37) 1,2-Dichloropropane	6.782	63	36882	6.033	ug/L	100
38) Bromodichloromethane	7.097	83	41642	5.968	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	42565	5.475	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	166420	57.833	ug/L	98
42) Toluene	7.962	91	137835	5.655	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	34491	5.626	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	21004	5.883	ug/L	96
47) Tetrachloroethene	8.547	164	23081	5.375	ug/L	97
48) 2-Hexanone	8.679	43	115771	56.671	ug/L	98
49) Dibromochloromethane	8.801	129	23600	5.717	ug/L	100
50) 1,2-Dibromoethane	8.917	107	18450	5.650	ug/L	96
51) Chlorobenzene	9.441	112	81873	5.552	ug/L	99
52) Ethylbenzene	9.563	91	144843	5.609	ug/L	99
53) m,p-Xylene	9.688	106	52862	5.717	ug/L	99
54) o-Xylene	10.094	106	51283	5.657	ug/L	99
55) Styrene	10.110	104	85373	5.854	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	25500	5.790	ug/L	98
59) Bromoform	10.283	173	11869	5.423	ug/L	98
60) Isopropylbenzene	10.476	105	131145	5.469	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18796	5.624	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	104266	5.332	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	106651	5.341	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	61339	5.266	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	59497	5.243	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	55501	5.238	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	3457	6.099	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	42962	4.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29779	4.483	ug/L	97
71) Naphthalene	14.080	128	33094	3.636	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	24707	4.504	ug/L	97

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

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