

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081524\
 Data File : VU060459.D
 Acq On : 15 Aug 2024 09:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Aug 16 04:51:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	90511	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	92481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29025	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.907	69	26416	4.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.557	65	12436	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.634	46	64991	43.104	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	5.052	84	65280	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	30275	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.717	84	121883	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	38300	4.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	113680	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.174	79	13592	4.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.627	63	53187	42.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30806	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39792	4.367	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	23084	4.728	ug/L	98
3) Chloromethane	1.515	50	25989	4.279	ug/L	96
5) Vinyl chloride	1.599	62	31569	4.440	ug/L	99
6) Bromomethane	1.853	94	21714	4.312	ug/L	97
8) Chloroethane	1.930	64	21418	4.441	ug/L	100
9) Trichlorofluoromethane	2.129	101	53769	5.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32512	4.949	ug/L	99
12) 1,1-Dichloroethene	2.570	96	27494	4.607	ug/L	93
13) Acetone	2.647	43	57182	55.537	ug/L	96
14) Carbon disulfide	2.785	76	60640	4.028	ug/L	99
15) Methyl Acetate	2.959	43	11648	5.460	ug/L	97
16) Methylene chloride	3.036	84	35444	4.178	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	68632	4.878	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	27131	4.634	ug/L	97
19) 1,1-Dichloroethane	3.856	63	61427	5.082	ug/L	98
21) 2-Butanone	4.711	43	74864	48.784	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	34575	4.892	ug/L	96
23) Bromochloromethane	4.968	128	16404	5.029	ug/L	95
25) Chloroform	5.078	83	68045	5.175	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	37971	5.429	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	55057	5.438	ug/L	99
30) Cyclohexane	5.380	56	36545	4.459	ug/L	95
31) Carbon tetrachloride	5.515	117	48819	5.502	ug/L	99
33) Benzene	5.766	78	133362	5.009	ug/L	100
34) Trichloroethene	6.534	95	33820	4.852	ug/L	93
35) Methylcyclohexane	6.756	83	40484	4.448	ug/L	99
37) 1,2-Dichloropropane	6.782	63	37112	5.121	ug/L	99
38) Bromodichloromethane	7.097	83	48517	5.417	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	49909	5.071	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	182825	54.048	ug/L	97
42) Toluene	7.962	91	147665	5.248	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	42166	5.186	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	27426	4.942	ug/L	96
47) Tetrachloroethene	8.547	164	27563	5.056	ug/L	97
48) 2-Hexanone	8.679	43	141665	55.245	ug/L	98
49) Dibromochloromethane	8.801	129	32376	5.486	ug/L	99
50) 1,2-Dibromoethane	8.917	107	25202	5.101	ug/L	100
51) Chlorobenzene	9.441	112	96085	5.062	ug/L	97
52) Ethylbenzene	9.563	91	148852	5.022	ug/L	100
53) m,p-Xylene	9.688	106	57944	5.143	ug/L	99
54) o-Xylene	10.094	106	56571	5.248	ug/L	99
55) Styrene	10.110	104	97466	5.226	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	35565	5.154	ug/L	96
59) Bromoform	10.283	173	19035	5.068	ug/L	98
60) Isopropylbenzene	10.476	105	151199	5.062	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	24566	5.130	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	116434	5.064	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	114100	5.035	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	76134	5.002	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	75973	4.952	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	72529	5.046	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	4905	5.464	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	53968	4.692	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	39802	4.407	ug/L	98
71) Naphthalene	14.080	128	56188	4.376	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	35963	4.445	ug/L	97

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

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