

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058729.D
 Acq On : 16 Apr 2024 20:22
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Apr 17 01:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	75952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	93965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14679	2.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.904	69	17803	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.557	65	6628	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.615	46	66501	62.754	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.500%
24) Chloroform-d	5.052	84	45946	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.692	65	23382	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.718	84	77986	3.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.600%#
36) 1,2-Dichloropropane-d6	6.682	67	29252	3.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.800%
41) Toluene-d8	7.891	98	79172	3.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.174	79	10444	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.624	63	62975	61.999	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	28751	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	23085	3.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	23277	3.677	ug/L	99
3) Chloromethane	1.512	50	30582	3.947	ug/L	100
5) Vinyl chloride	1.599	62	30660	3.962	ug/L	99
6) Bromomethane	1.850	94	14309	3.909	ug/L	98
8) Chloroethane	1.927	64	21666	4.432	ug/L	99
9) Trichlorofluoromethane	2.129	101	43530	4.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27348	4.504	ug/L	97
12) 1,1-Dichloroethene	2.573	96	23198	4.310	ug/L	88
13) Acetone	2.628	43	38460	42.522	ug/L	99
14) Carbon disulfide	2.785	76	61870	3.619	ug/L	100
15) Methyl Acetate	2.946	43	10286	4.820	ug/L	100
16) Methylene chloride	3.033	84	33095	4.633	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	61667	4.850	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	25031	4.437	ug/L	96
19) 1,1-Dichloroethane	3.856	63	59639	4.843	ug/L	97
21) 2-Butanone	4.695	43	62556	46.273	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	30249	4.775	ug/L	98
23) Bromochloromethane	4.965	128	11839	4.743	ug/L	94
25) Chloroform	5.075	83	59633	5.004	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	35208	4.851	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	47021	3.732	ug/L	98
30) Cyclohexane	5.380	56	43612	3.278	ug/L	99
31) Carbon tetrachloride	5.515	117	39448	3.697	ug/L	100
33) Benzene	5.763	78	121310	3.561	ug/L	100
34) Trichloroethene	6.531	95	85537	9.962	ug/L	97
35) Methylcyclohexane	6.753	83	56102	4.337	ug/L	96
37) 1,2-Dichloropropane	6.782	63	45930	5.125	ug/L	99
38) Bromodichloromethane	7.097	83	53682	5.248	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	54644	4.795	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	224411	53.201	ug/L	99
42) Toluene	7.962	91	166502	4.660	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	45369	5.048	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	25994	4.966	ug/L	98
47) Tetrachloroethene	8.544	164	26536	4.216	ug/L	95
48) 2-Hexanone	8.679	43	152667	50.982	ug/L	98
49) Dibromochloromethane	8.801	129	29998	4.957	ug/L	100
50) 1,2-Dibromoethane	8.917	107	22114	4.620	ug/L	97
51) Chlorobenzene	9.438	112	98453	4.554	ug/L	95
52) Ethylbenzene	9.563	91	183453	4.847	ug/L	99
53) m,p-Xylene	9.689	106	64556	4.763	ug/L	96
54) o-Xylene	10.094	106	64149	4.828	ug/L	98
55) Styrene	10.107	104	104620	4.894	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	31514	4.881	ug/L	98
59) Bromoform	10.283	173	14879	6.132	ug/L	96
60) Isopropylbenzene	10.476	105	161858	6.087	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23107	6.235	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	132770	6.123	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	138726	6.266	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	66631	5.159	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	56398	4.482	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53009	4.512	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3165	5.036	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	41471	4.342	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	29501	4.006	ug/L	98
71) Naphthalene	14.084	128	35711	3.538	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	24424	4.016	ug/L	99

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

