

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091724\
 Data File : VU060823.D
 Acq On : 17 Sep 2024 10:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Sep 18 01:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	91480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61347	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	48318	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.557	65	23999	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.637	46	118556	47.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	5.055	84	107832	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	51047	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	220882	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.682	67	64938	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.891	98	206929	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	25868	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.634	63	108698	52.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55730	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	72172	4.695	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59106	4.503	ug/L	99
3) Chloromethane	1.518	50	59597	4.298	ug/L	97
5) Vinyl chloride	1.602	62	66387	4.424	ug/L	93
6) Bromomethane	1.856	94	38984	4.065	ug/L	98
8) Chloroethane	1.933	64	40412	4.408	ug/L	95
9) Trichlorofluoromethane	2.132	101	99811	4.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	55384	4.624	ug/L	99
12) 1,1-Dichloroethene	2.573	96	49468	4.523	ug/L	96
13) Acetone	2.660	43	78564	46.901	ug/L	94
14) Carbon disulfide	2.785	76	130571	4.303	ug/L	96
15) Methyl Acetate	2.959	43	19567	4.791	ug/L	93
16) Methylene chloride	3.039	84	56394	4.452	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	116853	4.727	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	49145	4.336	ug/L	99
19) 1,1-Dichloroethane	3.859	63	100422	4.413	ug/L	97
21) 2-Butanone	4.718	43	117782	43.194	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	56541	4.507	ug/L	96
23) Bromochloromethane	4.965	128	27298	4.608	ug/L	92
25) Chloroform	5.078	83	106143	4.473	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58728	4.271	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	89479	4.693	ug/L	99
30) Cyclohexane	5.380	56	74205	4.735	ug/L	99
31) Carbon tetrachloride	5.518	117	77929	4.617	ug/L	98
33) Benzene	5.766	78	228158	4.699	ug/L	100
34) Trichloroethene	6.537	95	59785	4.697	ug/L	97
35) Methylcyclohexane	6.756	83	80842	4.629	ug/L	100
37) 1,2-Dichloropropane	6.782	63	61771	4.617	ug/L	100
38) Bromodichloromethane	7.097	83	73615	4.485	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	83895	4.714	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	312605	50.033	ug/L	100
42) Toluene	7.962	91	260657	5.134	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	72066	4.925	ug/L	92
45) 1,1,2-Trichloroethane	8.393	97	45863	4.748	ug/L	96
47) Tetrachloroethene	8.547	164	47664	4.712	ug/L	97
48) 2-Hexanone	8.682	43	230689	50.654	ug/L	98
49) Dibromochloromethane	8.801	129	50795	4.619	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42016	4.874	ug/L	99
51) Chlorobenzene	9.441	112	161349	4.733	ug/L	99
52) Ethylbenzene	9.563	91	253433	4.742	ug/L	98
53) m,p-Xylene	9.688	106	100746	4.971	ug/L	97
54) o-Xylene	10.094	106	98470	4.924	ug/L	96
55) Styrene	10.106	104	163513	4.851	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	57416	4.766	ug/L	94
59) Bromoform	10.283	173	31689	4.596	ug/L	98
60) Isopropylbenzene	10.476	105	256612	4.733	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38352	4.495	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	192577	4.571	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	197510	4.744	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	129283	4.743	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	127198	4.514	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	120232	4.665	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7656	4.595	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	94329	4.626	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	68014	4.735	ug/L	99
71) Naphthalene	14.081	128	90823	4.794	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	61327	4.942	ug/L	99

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

