

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060513.D
 Acq On : 23 Aug 2024 15:00
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV017

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 01:39:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:34:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	100172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	99543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17735	4.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	35170	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.560	65	10471	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.634	46	75584	49.679	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.055	84	60413	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	31630	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	110891	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.685	67	35489	5.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	101199	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.174	79	13213	5.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.627	63	58271	48.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	29951	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39016	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	57411	5.051	ug/L	98
3) Chloromethane	1.518	50	44806	4.549	ug/L	96
5) Vinyl chloride	1.599	62	42258	4.357	ug/L	97
6) Bromomethane	1.856	94	51215	5.248	ug/L	98
8) Chloroethane	1.930	64	47121	5.325	ug/L	98
9) Trichlorofluoromethane	2.133	101	102404	4.857	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36743	4.119	ug/L	98
12) 1,1-Dichloroethene	2.573	96	33930	4.133	ug/L	98
13) Acetone	2.647	43	57953m	45.521	ug/L	
14) Carbon disulfide	2.789	76	115007	4.317	ug/L	99
15) Methyl Acetate	2.962	43	12566	4.827	ug/L	93
16) Methylene chloride	3.039	84	39416	4.943	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	85369	5.124	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	35475	4.963	ug/L	93
19) 1,1-Dichloroethane	3.862	63	70736	4.884	ug/L	95
21) 2-Butanone	4.714	43	85954	49.370	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	38521	4.837	ug/L	99
23) Bromochloromethane	4.968	128	18485	5.107	ug/L	96
25) Chloroform	5.081	83	75630	4.934	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	49676	4.828	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	66773	4.898	ug/L	98
30) Cyclohexane	5.380	56	57274	5.074	ug/L	99
31) Carbon tetrachloride	5.522	117	61822	4.906	ug/L	100
33) Benzene	5.769	78	156550	4.959	ug/L	100
34) Trichloroethene	6.538	95	43018	5.027	ug/L	96
35) Methylcyclohexane	6.759	83	61334	5.224	ug/L	98
37) 1,2-Dichloropropane	6.785	63	41653	5.149	ug/L #	98
38) Bromodichloromethane	7.100	83	53739	5.055	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	59485	5.015	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	218082	51.762	ug/L	100
42) Toluene	7.965	91	173063	5.187	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	51923	5.332	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	28422	4.850	ug/L	98
47) Tetrachloroethene	8.547	164	34506	4.919	ug/L	96
48) 2-Hexanone	8.679	43	161416	51.193	ug/L	99
49) Dibromochloromethane	8.804	129	34590	5.098	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27316	5.077	ug/L	94
51) Chlorobenzene	9.441	112	109453	5.068	ug/L	98
52) Ethylbenzene	9.566	91	180355	5.101	ug/L	97
53) m,p-Xylene	9.689	106	68556	5.216	ug/L	97
54) o-Xylene	10.094	106	66875	4.970	ug/L	100
55) Styrene	10.110	104	114600	5.198	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	35025	4.681	ug/L	97
59) Bromoform	10.287	173	22193	5.039	ug/L	97
60) Isopropylbenzene	10.480	105	180682	5.046	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	24644	4.767	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	141963	5.320	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	142987	5.253	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	89510	5.108	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	86268	4.852	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	80185	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5203	4.459	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	65655	4.859	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	49670	4.556	ug/L	97
71) Naphthalene	14.084	128	92707	6.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	57669	6.321	ug/L	98

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

