

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057129.D
 Acq On : 21 Dec 2023 11:23
 Operator : MD/SY
 Sample : VSTD0.511
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5011

Quant Time: Dec 21 23:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:04:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	162164	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71697	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	6992	0.489	ug/L	0.00
7) Chloroethane-d5	1.911	69	5805	0.534	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2871	0.466	ug/L	0.00
20) 2-Butanone-d5	4.644	46	10372m	3.866	ug/L	0.02
24) Chloroform-d	5.062	84	14176	0.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	6397	0.497	ug/L	0.00
32) Benzene-d6	5.724	84	24755	0.491	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	7063	0.454	ug/L	0.00
41) Toluene-d8	7.894	98	20615	0.453	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	2907	0.477	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	8013	3.532	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	5124	0.456	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7950	0.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8218	0.490	ug/L	93
3) Chloromethane	1.519	50	8951	0.562	ug/L	94
5) Vinyl chloride	1.605	62	7385	0.456	ug/L	96
6) Bromomethane	1.856	94	3627	0.400	ug/L	93
8) Chloroethane	1.933	64	4770	0.498	ug/L #	78
9) Trichlorofluoromethane	2.136	101	13744	0.572	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7135	0.502	ug/L	96
12) 1,1-Dichloroethene	2.576	96	6665	0.514	ug/L	92
14) Carbon disulfide	2.792	76	24741	0.563	ug/L	99
15) Methyl Acetate	2.949	43	1723m	0.395	ug/L	
16) Methylene chloride	3.043	84	9230	0.653	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	12540	0.438	ug/L	93
18) trans-1,2-Dichloroethene	3.354	96	6146	0.468	ug/L	93
19) 1,1-Dichloroethane	3.866	63	12525	0.494	ug/L	96
21) 2-Butanone	4.724	43	11955m	4.424	ug/L	
22) cis-1,2-Dichloroethene	4.670	96	6283	0.438	ug/L	93
23) Bromochloromethane	4.978	128	3072m	0.516	ug/L	
25) Chloroform	5.081	83	14175	0.527	ug/L	93
27) 1,2-Dichloroethane	5.792	62	8563	0.536	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	13412	0.570	ug/L	96
30) Cyclohexane	5.387	56	8245	0.398	ug/L #	94
31) Carbon tetrachloride	5.518	117	11673	0.569	ug/L	97
33) Benzene	5.772	78	25854	0.471	ug/L	100
34) Trichloroethene	6.538	95	8003	0.527	ug/L	98
35) Methylcyclohexane	6.753	83	8895	0.401	ug/L	96
37) 1,2-Dichloropropane	6.785	63	6311	0.452	ug/L #	90
38) Bromodichloromethane	7.104	83	9419	0.516	ug/L	92
39) cis-1,3-Dichloropropene	7.605	75	8510	0.417	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	25872	3.948	ug/L	99
42) Toluene	7.965	91	25976	0.454	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	8114	0.479	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	4511	0.478	ug/L	95

12/22/2023
 Supervised By :Semsettin
 esilyurt

12/22/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) Tetrachloroethene	8.544	164	5527	0.516	ug/L	85	12/22/2023
48) 2-Hexanone	8.685	43	20283	4.326	ug/L	89	Supervised By :Semsettin Yesilyurt
49) Dibromochloromethane	8.801	129	5868	0.528	ug/L	89	
50) 1,2-Dibromoethane	8.920	107	3875	0.442	ug/L #	96	
51) Chlorobenzene	9.444	112	17725	0.486	ug/L	98	
52) Ethylbenzene	9.566	91	28505	0.452	ug/L	94	
53) m,p-Xylene	9.692	106	9967	0.423	ug/L	99	12/22/2023
54) o-Xylene	10.097	106	9931	0.443	ug/L	94	
55) Styrene	10.113	104	14974	0.406	ug/L	100	
57) 1,1,2,2-Tetrachloroethane	10.772	83	5374	0.467	ug/L	86	
59) Bromoform	10.287	173	2928	0.504	ug/L #	96	
60) Isopropylbenzene	10.480	105	25561	0.455	ug/L	99	
61) 1,2,3-Trichloropropane	10.817	75	3916	0.521	ug/L	97	
62) 1,3,5-Trimethylbenzene	11.084	105	20175	0.439	ug/L	97	
63) 1,2,4-Trimethylbenzene	11.463	105	19482	0.428	ug/L	98	
64) 1,3-Dichlorobenzene	11.743	146	13430	0.505	ug/L	92	
65) 1,4-Dichlorobenzene	11.833	146	13995	0.529	ug/L	99	
67) 1,2-Dichlorobenzene	12.206	146	11994	0.493	ug/L	97	
68) 1,2-Dibromo-3-chloropr...	12.997	75	772	0.499	ug/L	84	
69) 1,3,5-Trichlorobenzene	13.216	180	9688	0.480	ug/L	96	
70) 1,2,4-trichlorobenzene	13.840	180	8226	0.516	ug/L	95	
72) 1,2,3-Trichlorobenzene	14.325	180	5935	0.441	ug/L	96	

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

