

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057130.D
 Acq On : 21 Dec 2023 11:52
 Operator : MD/SY
 Sample : VSTD00112
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001012

Quant Time: Dec 21 23:05:16 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

12/22/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	160212	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159289	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16117	1.142	ug/L	0.00
7) Chloroethane-d5	1.911	69	12800	1.191	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	6538	1.075	ug/L	0.00
20) 2-Butanone-d5	4.640	46	23995m	9.052	ug/L	0.02
24) Chloroform-d	5.058	84	29120	1.083	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	14807	1.165	ug/L	0.00
32) Benzene-d6	5.724	84	51776	1.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	15294	0.979	ug/L	0.00
41) Toluene-d8	7.894	98	46870	1.025	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	6008	0.983	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	18517	8.130	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	10482	0.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	16076	1.063	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	14367	0.867	ug/L	98
3) Chloromethane	1.518	50	12841	0.816	ug/L	100
5) Vinyl chloride	1.602	62	13620	0.852	ug/L	98
6) Bromomethane	1.856	94	5617	0.627	ug/L	96
8) Chloroethane	1.933	64	8693	0.918	ug/L	98
9) Trichlorofluoromethane	2.136	101	24939	1.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	13133	0.935	ug/L	97
12) 1,1-Dichloroethene	2.579	96	12452	0.972	ug/L	79
13) Acetone	2.634	43	13929	8.600	ug/L	97
14) Carbon disulfide	2.788	76	37801	0.870	ug/L	97
15) Methyl Acetate	2.955	43	3472	0.805	ug/L	93
16) Methylene chloride	3.046	84	14939	1.071	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	23842	0.843	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	11380	0.877	ug/L	97
19) 1,1-Dichloroethane	3.865	63	22398	0.893	ug/L	98
21) 2-Butanone	4.717	43	21525m	8.062	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	12438	0.878	ug/L	98
23) Bromochloromethane	4.971	128	5551	0.943	ug/L	88
25) Chloroform	5.081	83	25313	0.952	ug/L	99
27) 1,2-Dichloroethane	5.791	62	14992	0.950	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	23805	1.007	ug/L	98
30) Cyclohexane	5.383	56	14892	0.716	ug/L	97
31) Carbon tetrachloride	5.515	117	21637	1.051	ug/L	96
33) Benzene	5.769	78	46625	0.847	ug/L	100
34) Trichloroethene	6.541	95	14168	0.930	ug/L	97
35) Methylcyclohexane	6.756	83	17130	0.769	ug/L	97
37) 1,2-Dichloropropane	6.785	63	11988	0.855	ug/L #	91
38) Bromodichloromethane	7.100	83	16883	0.922	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	17902	0.874	ug/L	94
40) 4-Methyl-2-pentanone	7.788	43	47511	7.224	ug/L	99
42) Toluene	7.965	91	47208	0.822	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	14139	0.831	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
45) 1,1,2-Trichloroethane	8.396	97	8075	0.852	ug/L	94	12/22/2023
47) Tetrachloroethene	8.550	164	10180	0.946	ug/L	88	
48) 2-Hexanone	8.685	43	33842	7.191	ug/L	96	
49) Dibromochloromethane	8.804	129	10686	0.958	ug/L	92	
50) 1,2-Dibromoethane	8.923	107	7972	0.906	ug/L #	96	
51) Chlorobenzene	9.444	112	33635	0.918	ug/L	96	
52) Ethylbenzene	9.566	91	53207	0.840	ug/L	99	
53) m,p-Xylene	9.692	106	18671	0.790	ug/L	91	
54) o-Xylene	10.097	106	18198	0.808	ug/L	90	
55) Styrene	10.113	104	27674	0.748	ug/L	98	
57) 1,1,2,2-Tetrachloroethane	10.778	83	9724	0.841	ug/L #	97	
59) Bromoform	10.286	173	5509	0.902	ug/L	98	
60) Isopropylbenzene	10.479	105	49387	0.838	ug/L	97	
61) 1,2,3-Trichloropropane	10.817	75	6974	0.884	ug/L	97	
62) 1,3,5-Trimethylbenzene	11.084	105	40174	0.833	ug/L	99	
63) 1,2,4-Trimethylbenzene	11.463	105	38000	0.795	ug/L	99	
64) 1,3-Dichlorobenzene	11.743	146	25234	0.904	ug/L	95	
65) 1,4-Dichlorobenzene	11.833	146	25667	0.924	ug/L	98	
67) 1,2-Dichlorobenzene	12.209	146	22259	0.872	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.990	75	1597	0.982	ug/L #	60	
69) 1,3,5-Trichlorobenzene	13.216	180	18367	0.867	ug/L	98	
70) 1,2,4-trichlorobenzene	13.839	180	13399	0.801	ug/L	98	
71) Naphthalene	14.087	128	15699	0.645	ug/L	98	
72) 1,2,3-Trichlorobenzene	14.328	180	10943	0.775	ug/L	95	

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

