

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057566.D
 Acq On : 23 Jan 2024 12:39
 Operator : MD/SY
 Sample : VSTD00130
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001030

Quant Time: Jan 24 00:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	72487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	66227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	31271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	4187	0.629	ug/L	0.00
7) Chloroethane-d5	1.914	69	3493	0.672	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	65	1904	0.664	ug/L	0.00
20) 2-Butanone-d5	4.657	46	7030	5.536	ug/L	0.02
24) Chloroform-d	5.059	84	8043	0.682	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	3737	0.662	ug/L	0.00
32) Benzene-d6	5.724	84	15481	0.716	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	4691	0.696	ug/L	0.00
41) Toluene-d8	7.898	98	14986	0.815	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1784	0.749	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	5375	6.351	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	3095	0.656	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	4352	0.733	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5795	1.158	ug/L	95
3) Chloromethane	1.518	50	5709	0.915	ug/L	96
5) Vinyl chloride	1.602	62	6180	1.094	ug/L	95
6) Bromomethane	1.856	94	3231	1.011	ug/L	93
8) Chloroethane	1.933	64	3727	1.069	ug/L	96
9) Trichlorofluoromethane	2.139	101	9037	1.149	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	5304	1.085	ug/L	96
12) 1,1-Dichloroethene	2.580	96	4984	1.125	ug/L	99
13) Acetone	2.663	43	6359	7.734	ug/L	99
14) Carbon disulfide	2.792	76	15965	1.246	ug/L	98
15) Methyl Acetate	2.965	43	1843	0.990	ug/L #	75
16) Methylene chloride	3.043	84	5151	0.893	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	11483	1.056	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	5095	1.150	ug/L	99
19) 1,1-Dichloroethane	3.866	63	9516	0.995	ug/L	97
21) 2-Butanone	4.734	43	10939m	9.450	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	5497	1.081	ug/L	92
23) Bromochloromethane	4.975	128	2184	1.006	ug/L	99
25) Chloroform	5.084	83	10161	1.018	ug/L	99
27) 1,2-Dichloroethane	5.792	62	5875	0.980	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	9109	1.115	ug/L	96
30) Cyclohexane	5.383	56	9014	1.302	ug/L	97
31) Carbon tetrachloride	5.522	117	7965	1.153	ug/L	100
33) Benzene	5.772	78	21140	1.090	ug/L	100
34) Trichloroethene	6.541	95	5848	1.137	ug/L	97
35) Methylcyclohexane	6.759	83	9534	1.323	ug/L	96
37) 1,2-Dichloropropane	6.788	63	5272	0.976	ug/L #	93
38) Bromodichloromethane	7.103	83	6977	1.053	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	7951	1.074	ug/L	98
40) 4-Methyl-2-pentanone	7.792	43	24698	9.440	ug/L	97
42) Toluene	7.968	91	22601	1.165	ug/L	96
44) trans-1,3-Dichloropropene	8.213	75	6666	1.112	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057566.D
 Acq On : 23 Jan 2024 12:39
 Operator : MD/SY
 Sample : VSTD00130
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001030

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

Quant Time: Jan 24 00:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:26:42 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	3333	0.963	ug/L	96
47) Tetrachloroethene	8.550	164	4359	1.236	ug/L	98
48) 2-Hexanone	8.689	43	16311	8.578	ug/L	98
49) Dibromochloromethane	8.808	129	4364	1.111	ug/L	96
50) 1,2-Dibromoethane	8.920	107	3214	1.074	ug/L #	93
51) Chlorobenzene	9.444	112	14376	1.122	ug/L	97
52) Ethylbenzene	9.570	91	24893	1.165	ug/L	98
53) m,p-Xylene	9.692	106	9382	1.224	ug/L	100
54) o-Xylene	10.097	106	8991	1.206	ug/L	99
55) Styrene	10.113	104	13119	1.094	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.779	83	4038	0.926	ug/L	95
59) Bromoform	10.287	173	2190	0.986	ug/L #	97
60) Isopropylbenzene	10.483	105	22672	1.147	ug/L	99
61) 1,2,3-Trichloropropane	10.824	75	2801	0.922	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	20470	1.303	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	20320	1.295	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	10379	1.122	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	9982	1.090	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	9260	1.087	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	445	0.782	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	7276	1.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	4862	1.105	ug/L	94
71) Naphthalene	14.090	128	6769	1.077	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.325	180	3897	1.080	ug/L	99

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

