

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057966.D
 Acq On : 29 Feb 2024 10:06
 Operator : MD/SY
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001036

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

Quant Time: Mar 01 05:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	10065	1.100	ug/L	0.00
7) Chloroethane-d5	1.907	69	8846	1.156	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	4197	0.990	ug/L	0.00
20) 2-Butanone-d5	4.634	46	14958	8.938	ug/L	0.03
24) Chloroform-d	5.055	84	19123	1.045	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	8448	1.018	ug/L	0.00
32) Benzene-d6	5.721	84	38361	1.060	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	11195	1.021	ug/L	0.00
41) Toluene-d8	7.894	98	33291	0.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3576	0.842	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	11586	8.461	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	6776	0.936	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	10715	1.055	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9000	0.718	ug/L	99
3) Chloromethane	1.515	50	10794	0.837	ug/L	96
5) Vinyl chloride	1.599	62	11506	0.835	ug/L	99
6) Bromomethane	1.853	94	6221	0.861	ug/L	98
8) Chloroethane	1.930	64	7206	0.859	ug/L	90
9) Trichlorofluoromethane	2.133	101	17067	0.842	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	10803	0.907	ug/L	95
12) 1,1-Dichloroethene	2.576	96	9206	0.834	ug/L	94
13) Acetone	2.618	43	12352	8.068	ug/L	97
14) Carbon disulfide	2.788	76	28459	0.804	ug/L	99
15) Methyl Acetate	2.952	43	2902	0.747	ug/L #	81
16) Methylene chloride	3.039	84	11878	0.997	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	21009	0.807	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	9991	0.860	ug/L	95
19) 1,1-Dichloroethane	3.862	63	19886	0.910	ug/L	98
21) 2-Butanone	4.708	43	20696m	8.638	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	10907	0.868	ug/L	93
23) Bromochloromethane	4.968	128	3982	0.801	ug/L #	93
25) Chloroform	5.081	83	20951	0.914	ug/L	99
27) 1,2-Dichloroethane	5.785	62	11628	0.877	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	17323	0.829	ug/L	99
30) Cyclohexane	5.380	56	16844	0.827	ug/L	98
31) Carbon tetrachloride	5.515	117	14135	0.772	ug/L	96
33) Benzene	5.769	78	43584	0.880	ug/L	100
34) Trichloroethene	6.538	95	11610	0.857	ug/L	97
35) Methylcyclohexane	6.756	83	17180	0.788	ug/L	99
37) 1,2-Dichloropropane	6.788	63	10983	0.881	ug/L #	97
38) Bromodichloromethane	7.100	83	13315	0.809	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	14340	0.756	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	48199	8.102	ug/L	99
42) Toluene	7.965	91	43970	0.829	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	10958	0.716	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057966.D
 Acq On : 29 Feb 2024 10:06
 Operator : MD/SY
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001036

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

Quant Time: Mar 01 05:02:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.396	97	6575	0.826	ug/L	95
47) Tetrachloroethene	8.547	164	8260	0.841	ug/L	98
48) 2-Hexanone	8.682	43	35589m	8.463	ug/L	
49) Dibromochloromethane	8.804	129	7466	0.733	ug/L	94
50) 1,2-Dibromoethane	8.920	107	5786	0.758	ug/L #	89
51) Chlorobenzene	9.441	112	28656	0.864	ug/L	94
52) Ethylbenzene	9.566	91	48905	0.821	ug/L	99
53) m,p-Xylene	9.689	106	17167	0.780	ug/L	98
54) o-Xylene	10.097	106	17873	0.836	ug/L	95
55) Styrene	10.113	104	25581	0.774	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	7769	0.808	ug/L	99
59) Bromoform	10.283	173	3543	0.670	ug/L #	95
60) Isopropylbenzene	10.479	105	43904	0.819	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	5755	0.845	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	35641	0.757	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	34796	0.739	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	21209	0.874	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	20259	0.867	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	17985	0.831	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.000	75	1051	0.830	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.216	180	15038	0.853	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	9769	0.748	ug/L	97
71) Naphthalene	14.090	128	13171m	0.718	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	8149	0.800	ug/L	97

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

