

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058373.D
 Acq On : 04 Apr 2024 16:03
 Operator : MD/SY
 Sample : VSTD00149
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001049

Quant Time: Apr 04 22:46:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	86090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6118	0.880	ug/L	0.00
7) Chloroethane-d5	1.907	69	5550	0.973	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2829	0.972	ug/L	0.00
20) 2-Butanone-d5	4.653	46	12199m	9.648	ug/L	0.02
24) Chloroform-d	5.058	84	12094	0.956	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	5671	0.964	ug/L	0.00
32) Benzene-d6	5.721	84	23406	0.897	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	7274	0.942	ug/L	0.00
41) Toluene-d8	7.894	98	20043	0.870	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2093	0.841	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7873	7.814	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4650	0.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6439	0.937	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6984	1.640	ug/L	98
3) Chloromethane	1.515	50	8471	1.586	ug/L	95
5) Vinyl chloride	1.599	62	8589	1.511	ug/L	97
6) Bromomethane	1.856	94	3899	1.339	ug/L	93
8) Chloroethane	1.930	64	5357	1.471	ug/L	97
9) Trichlorofluoromethane	2.136	101	11340	1.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6632	1.206	ug/L	99
12) 1,1-Dichloroethene	2.576	96	5982	1.280	ug/L	97
13) Acetone	2.656	43	8571	9.740	ug/L	100
14) Carbon disulfide	2.788	76	18420	1.609	ug/L	99
15) Methyl Acetate	2.965	43	1941	1.036	ug/L #	77
16) Methylene chloride	3.039	84	8660	1.303	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	13026	1.071	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	6132	1.246	ug/L	97
19) 1,1-Dichloroethane	3.862	63	13263	1.225	ug/L	99
21) 2-Butanone	4.730	43	12436	9.332	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	6847	1.162	ug/L	98
23) Bromochloromethane	4.971	128	2571	1.161	ug/L	96
25) Chloroform	5.081	83	12958	1.156	ug/L	98
27) 1,2-Dichloroethane	5.788	62	7871	1.218	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	10128	1.117	ug/L	98
30) Cyclohexane	5.383	56	10813	1.293	ug/L #	93
31) Carbon tetrachloride	5.515	117	8371	1.077	ug/L	94
33) Benzene	5.769	78	27910	1.195	ug/L	100
34) Trichloroethene	6.541	95	7427	1.229	ug/L	90
35) Methylcyclohexane	6.756	83	9973	1.146	ug/L	95
37) 1,2-Dichloropropane	6.785	63	7498	1.157	ug/L #	94
38) Bromodichloromethane	7.103	83	8490	1.150	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	8854	1.086	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	33245	10.308	ug/L	99
42) Toluene	7.965	91	28627	1.160	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	6806	1.062	ug/L	98

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45) 1,1,2-Trichloroethane	8.393	97	4305	1.072	ug/L	97
47) Tetrachloroethene	8.547	164	5098	1.237	ug/L	96
48) 2-Hexanone	8.685	43	22897	9.719	ug/L	94
49) Dibromochloromethane	8.804	129	4673	1.055	ug/L	98
50) 1,2-Dibromoethane	8.920	107	3548	1.026	ug/L #	82
51) Chlorobenzene	9.444	112	18006	1.151	ug/L	100
52) Ethylbenzene	9.566	91	29338	1.075	ug/L	99
53) m,p-Xylene	9.692	106	10250	1.049	ug/L	95
54) o-Xylene	10.097	106	9625	0.986	ug/L	100
55) Styrene	10.113	104	15449	0.997	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	5494	1.161	ug/L	92
59) Bromoform	10.286	173	2295	1.082	ug/L	95
60) Isopropylbenzene	10.479	105	26346	1.098	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3771	1.125	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	19796	0.988	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	19164	0.955	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	12751	1.141	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	12366	1.145	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	11711	1.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.000	75	560	1.112	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.219	180	8990	1.135	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	6434	1.104	ug/L	97
71) Naphthalene	14.087	128	8560	1.099	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.328	180	5746	1.203	ug/L	96

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

