

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058179.D
 Acq On : 21 Mar 2024 12:07
 Operator : MD/SY
 Sample : VSTD0.541
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5041

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

Quant Time: Mar 22 04:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	3950	0.582	ug/L	0.00
7) Chloroethane-d5	1.911	69	3099	0.553	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.550	65	1500	0.516	ug/L	-0.01
20) 2-Butanone-d5	4.660	46	5492	4.842	ug/L	0.04
24) Chloroform-d	5.055	84	6468	0.510	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	2935	0.506	ug/L	0.00
32) Benzene-d6	5.721	84	13985	0.559	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	3978	0.526	ug/L	0.00
41) Toluene-d8	7.891	98	11597	0.514	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1112	0.438	ug/L	0.00
46) 2-Hexanone-d5	8.643	63	4594	5.214	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.756	84	2619	0.566	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	3747	0.608	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	1763	0.340	ug/L	93
3) Chloromethane	1.518	50	2664	0.434	ug/L	96
5) Vinyl chloride	1.602	62	2674	0.407	ug/L	93
6) Bromomethane	1.856	94	1221	0.349	ug/L	90
8) Chloroethane	1.930	64	1652	0.394	ug/L	86
9) Trichlorofluoromethane	2.129	101	4623	0.481	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	2818	0.466	ug/L	96
12) 1,1-Dichloroethene	2.567	96	2365	0.448	ug/L	85
13) Acetone	2.653	43	4876	6.053	ug/L	96
14) Carbon disulfide	2.779	76	4919	0.312	ug/L	95
15) Methyl Acetate	2.959	43	852	0.476	ug/L #	66
16) Methylene chloride	3.033	84	4752	0.725	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	6319	0.492	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	2226	0.386	ug/L	88
19) 1,1-Dichloroethane	3.862	63	5305	0.452	ug/L	94
21) 2-Butanone	4.740	43	7041m	5.543	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	2786	0.431	ug/L	91
23) Bromochloromethane	4.965	128	910	0.378	ug/L #	87
25) Chloroform	5.078	83	5614	0.465	ug/L	84
27) 1,2-Dichloroethane	5.788	62	3280	0.491	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	4382	0.448	ug/L	96
30) Cyclohexane	5.377	56	3712	0.388	ug/L	95
31) Carbon tetrachloride	5.515	117	3822	0.454	ug/L	93
33) Benzene	5.766	78	10920	0.434	ug/L	100
34) Trichloroethene	6.541	95	2884	0.436	ug/L	89
35) Methylcyclohexane	6.753	83	3982	0.403	ug/L	97
37) 1,2-Dichloropropane	6.782	63	3106	0.475	ug/L #	90
38) Bromodichloromethane	7.100	83	3299	0.419	ug/L #	94
39) cis-1,3-Dichloropropene	7.605	75	3425	0.385	ug/L	94
40) 4-Methyl-2-pentanone	7.791	43	15754	5.202	ug/L	96
42) Toluene	7.965	91	11701	0.448	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	2520	0.355	ug/L	97

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

45) 1,1,2-Trichloroethane	8.396	97	1974	0.504	ug/L	88
47) Tetrachloroethene	8.547	164	1844	0.403	ug/L	96
48) 2-Hexanone	8.692	43	11481	5.184	ug/L	91
49) Dibromochloromethane	8.804	129	1772	0.387	ug/L	93
50) 1,2-Dibromoethane	8.920	107	1582	0.458	ug/L #	91
51) Chlorobenzene	9.441	112	7453	0.451	ug/L	99
52) Ethylbenzene	9.566	91	12915	0.441	ug/L	99
53) m,p-Xylene	9.692	106	4318	0.414	ug/L	94
54) o-Xylene	10.097	106	4410	0.420	ug/L	98
55) Styrene	10.116	104	6525	0.399	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	2113	0.458	ug/L #	96
59) Bromoform	10.287	173	837	0.413	ug/L #	84
60) Isopropylbenzene	10.479	105	11116	0.463	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	1680	0.561	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	8977	0.444	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	9108	0.457	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	5247	0.478	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	5373	0.501	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	4990	0.518	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	111	0.188	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.219	180	3547	0.450	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	2388	0.406	ug/L	95
71) Naphthalene	14.097	128	3141	0.391	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.328	180	2041	0.434	ug/L	96

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

