

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035194.D
 Acq On : 15 Apr 2024 12:17
 Operator : SY/MD
 Sample : VSTD0.552
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5252

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 15 23:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	205998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	206570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8757	0.644	ug/L	0.00
7) Chloroethane-d5	1.532	69	6774	0.588	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3709	0.609	ug/L	0.00
20) 2-Butanone-d5	3.928	46	15003m	4.780	ug/L	0.12
24) Chloroform-d	4.262	84	13049	0.512	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.963	65	5824	0.458	ug/L	0.02
32) Benzene-d6	4.973	84	23092	0.466	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.005	67	7465m	0.502	ug/L	0.02
41) Toluene-d8	7.249	98	19300	0.429	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	2119	0.387	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	8248m	2.875	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.156	84	6000	0.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	7601	0.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	9592	0.664	ug/L	98
3) Chloromethane	1.214	50	11882	0.703	ug/L	95
5) Vinyl chloride	1.281	62	10866	0.651	ug/L	96
6) Bromomethane	1.487	94	6217	0.659	ug/L	91
8) Chloroethane	1.548	64	6663	0.577	ug/L	98
9) Trichlorofluoromethane	1.712	101	12425	0.489	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8111	0.575	ug/L	97
12) 1,1-Dichloroethene	2.069	96	7498	0.556	ug/L	88
14) Carbon disulfide	2.240	76	22975	0.608	ug/L	100
15) Methyl Acetate	2.394	43	2599m	0.483	ug/L	
16) Methylene chloride	2.449	84	12537	0.803	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	15399	0.457	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	7858	0.572	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15206	0.568	ug/L	98
21) 2-Butanone	4.008	43	18749m	5.480	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	7031	0.473	ug/L	83
23) Bromochloromethane	4.162	128	3611	0.579	ug/L	97
25) Chloroform	4.285	83	15425	0.564	ug/L	100
27) 1,2-Dichloroethane	5.059	62	7814	0.475	ug/L #	95
29) 1,1,1-Trichloroethane	4.513	97	12492	0.478	ug/L	98
30) Cyclohexane	4.580	56	10225	0.444	ug/L	100
31) Carbon tetrachloride	4.738	117	10631	0.472	ug/L	98
33) Benzene	5.018	78	28377	0.478	ug/L	100
34) Trichloroethene	5.844	95	7655	0.495	ug/L	92
35) Methylcyclohexane	6.047	83	10538	0.434	ug/L	96
37) 1,2-Dichloropropane	6.101	63	7228	0.486	ug/L	100
38) Bromodichloromethane	6.442	83	9648	0.485	ug/L #	92
39) cis-1,3-Dichloropropene	6.973	75	8765	0.430	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	34804	3.936	ug/L #	89
42) Toluene	7.323	91	27582	0.442	ug/L	95
44) trans-1,3-Dichloropropene	7.600	75	6078	0.365	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	5484	0.543	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.908	164	6855	0.566	ug/L	95
48) 2-Hexanone	8.098	43	25078m	3.929	ug/L	
49) Dibromochloromethane	8.182	129	5542	0.485	ug/L	93
50) 1,2-Dibromoethane	8.291	107	4878	0.517	ug/L #	88
51) Chlorobenzene	8.818	112	19904	0.497	ug/L	99
52) Ethylbenzene	8.950	91	29320	0.424	ug/L	100
53) m,p-Xylene	9.079	106	10935	0.426	ug/L	88
54) o-Xylene	9.480	106	10517	0.414	ug/L	83
55) Styrene	9.503	104	15184	0.365	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	6547	0.535	ug/L	99
59) Bromoform	9.670	173	2768	0.556	ug/L #	96
60) Isopropylbenzene	9.870	105	25181	0.432	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	4779	0.619	ug/L	92
62) 1,3,5-Trimethylbenzene	10.477	105	19780	0.397	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	18198	0.363	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	14335	0.505	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	16635	0.587	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	13527	0.508	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.374	75	899	0.485	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	10685	0.489	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	9216	0.496	ug/L	99
71) Naphthalene	13.448	128	13200	0.436	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	8045	0.480	ug/L	100

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

