

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029263.D
 Acq On : 22 Nov 2022 15:26
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5203

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 01:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	296907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	263392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	123413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12284	0.434	ug/L	0.00
7) Chloroethane-d5	1.564	69	10077	0.455	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	21236	0.440	ug/L	0.00
20) 2-Butanone-d5	3.924	46	15793m	3.778	ug/L	0.01
24) Chloroform-d	4.339	84	17359	0.432	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	7530	0.396	ug/L	0.00
32) Benzene-d6	5.043	84	36005	0.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	11666	0.430	ug/L	0.00
41) Toluene-d8	7.307	98	31364	0.405	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	3367	0.373	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	5427m	3.438	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	5329	0.395	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	10099	0.424	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	11179	0.451	ug/L	92
3) Chloromethane	1.236	50	18546	0.544	ug/L	98
5) Vinyl chloride	1.307	62	15127	0.463	ug/L	98
6) Bromomethane	1.519	94	8962	0.496	ug/L	99
8) Chloroethane	1.581	64	8839	0.451	ug/L	93
9) Trichlorofluoromethane	1.748	101	17354	0.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	10514	0.475	ug/L	95
12) 1,1-Dichloroethene	2.114	96	10625	0.485	ug/L	89
13) Acetone	2.195	43	16390	4.726	ug/L	98
14) Carbon disulfide	2.288	76	29337	0.474	ug/L	98
15) Methyl Acetate	2.439	43	5020m	0.558	ug/L	
16) Methylene chloride	2.500	84	23990	0.696	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	21194	0.440	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	10990	0.494	ug/L	97
19) 1,1-Dichloroethane	3.179	63	20932	0.467	ug/L	100
21) 2-Butanone	4.002	43	25633m	4.669	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	11112	0.457	ug/L	96
23) Bromochloromethane	4.236	128	3994	0.440	ug/L	85
25) Chloroform	4.362	83	19702	0.462	ug/L	98
27) 1,2-Dichloroethane	5.124	62	10479	0.448	ug/L #	95
29) 1,1,1-Trichloroethane	4.600	97	15493	0.444	ug/L	96
30) Cyclohexane	4.664	56	19152	0.454	ug/L #	93
31) Carbon tetrachloride	4.812	117	12670	0.456	ug/L	100
33) Benzene	5.088	78	43228	0.451	ug/L	100
34) Trichloroethene	5.905	95	11750	0.466	ug/L	94
35) Methylcyclohexane	6.124	83	18319	0.449	ug/L	98
37) 1,2-Dichloropropane	6.166	63	11050	0.444	ug/L #	97
38) Bromodichloromethane	6.500	83	12577	0.452	ug/L	95
39) cis-1,3-Dichloropropene	7.021	75	12303	0.382	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	50908	4.054	ug/L	99
42) Toluene	7.381	91	44010	0.446	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	9811	0.396	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.828	97	6698	0.454	ug/L	98
47) Tetrachloroethene	7.966	164	7395	0.446	ug/L	96
49) Dibromochloromethane	8.236	129	6814	0.442	ug/L	95
50) 1,2-Dibromoethane	8.349	107	5240	0.420	ug/L	94
51) Chlorobenzene	8.873	112	27635	0.461	ug/L	98
52) Ethylbenzene	9.001	91	46719	0.440	ug/L	96
53) m,p-Xylene	9.130	106	17861	0.453	ug/L	97
54) o-Xylene	9.532	106	17374	0.451	ug/L	97
55) Styrene	9.554	104	28302	0.429	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	5470	0.415	ug/L #	95
59) Bromoform	9.722	173	3268	0.451	ug/L #	91
60) Isopropylbenzene	9.921	105	45700	0.459	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	5452	0.462	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.529	105	38697	0.458	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	37210	0.443	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	20684	0.475	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	20815	0.488	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.419	75	862	0.486	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	16423	0.484	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	12849	0.488	ug/L	99
71) Naphthalene	13.493	128	5265	0.566	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.734	180	10617	0.501	ug/L	97

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

Manual Integrations

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