

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027741.D
 Acq On : 06 Sep 2022 14:39
 Operator : SY/MD
 Sample : VSTD00128
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001228

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 05:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	186721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	11640	0.630	ug/L	0.00
7) Chloroethane-d5	1.561	69	9351	0.598	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	23584	0.629	ug/L	0.00
20) 2-Butanone-d5	3.937	46	16240m	4.781	ug/L	0.00
24) Chloroform-d	4.349	84	20496	0.540	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	10062	0.579	ug/L	0.00
32) Benzene-d6	5.047	84	36842	0.520	ug/L	0.01
36) 1,2-Dichloropropane-d6	6.072	67	10812	0.486	ug/L	0.00
41) Toluene-d8	7.317	98	31598	0.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3628	0.540	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	11564	4.595	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6985	0.501	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10598	0.586	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	14973	0.631	ug/L	100
3) Chloromethane	1.240	50	14476	0.642	ug/L	97
5) Vinyl chloride	1.307	62	13354	0.616	ug/L	97
6) Bromomethane	1.516	94	7261	0.700	ug/L	99
8) Chloroethane	1.580	64	7688	0.627	ug/L	97
9) Trichlorofluoromethane	1.744	101	21352	0.709	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	10604	0.652	ug/L	98
12) 1,1-Dichloroethene	2.111	96	10474	0.694	ug/L	93
13) Acetone	2.188	43	15294m	6.678	ug/L	
14) Carbon disulfide	2.285	76	29592	0.625	ug/L	99
15) Methyl Acetate	2.449	43	3296m	0.530	ug/L	
16) Methylene chloride	2.503	84	13488	0.728	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	20012	0.610	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	9687	0.580	ug/L	91
19) 1,1-Dichloroethane	3.185	63	18489	0.565	ug/L	97
21) 2-Butanone	4.024	43	14426m	4.622	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	9544	0.558	ug/L #	97
23) Bromochloromethane	4.249	128	4377	0.591	ug/L	88
25) Chloroform	4.371	83	21635	0.623	ug/L	97
27) 1,2-Dichloroethane	5.133	62	10258	0.528	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	18846	0.608	ug/L	96
30) Cyclohexane	4.670	56	12356	0.473	ug/L	95
31) Carbon tetrachloride	4.822	117	15573	0.588	ug/L	97
33) Benzene	5.098	78	35415	0.517	ug/L	100
34) Trichloroethene	5.915	95	9518	0.553	ug/L	94
35) Methylcyclohexane	6.127	83	14123	0.529	ug/L	99
37) 1,2-Dichloropropane	6.175	63	8853	0.508	ug/L	97
38) Bromodichloromethane	6.513	83	12649	0.573	ug/L	92
39) cis-1,3-Dichloropropene	7.034	75	11509	0.549	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	35467	4.697	ug/L	95
42) Toluene	7.387	91	35671	0.525	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	9059	0.530	ug/L	88

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

45) 1,1,2-Trichloroethane	7.841	97	6649	0.600	ug/L	90
47) Tetrachloroethene	7.976	164	8147	0.594	ug/L	93
48) 2-Hexanone	8.149	43	25157	4.440	ug/L	98
49) Dibromochloromethane	8.243	129	7589	0.574	ug/L	92
50) 1,2-Dibromoethane	8.352	107	5666	0.569	ug/L	99
51) Chlorobenzene	8.882	112	25702	0.595	ug/L	96
52) Ethylbenzene	9.011	91	38059	0.549	ug/L	97
53) m,p-Xylene	9.140	106	14561	0.543	ug/L	90
54) o-Xylene	9.545	106	14477	0.566	ug/L	96
55) Styrene	9.561	104	22199	0.510	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	7134	0.586	ug/L	98
59) Bromoform	9.731	173	3660	0.627	ug/L	95
60) Isopropylbenzene	9.931	105	35368	0.568	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4882	0.602	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	10918	0.634	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	28466	0.582	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	17991	0.602	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	17570	0.589	ug/L	92
67) 1,2-Dichlorobenzene	11.641	146	16559	0.615	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	920	0.565	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	14086	0.649	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	10969	0.680	ug/L	95
71) Naphthalene	13.503	128	16397	0.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	9745	0.669	ug/L	97

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

