

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025892.D
 Acq On : 13 May 2022 15:45
 Operator : SY/MD
 Sample : VSTD00144
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001244

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 14 06:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	191374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	193542	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16424	0.836	ug/L	0.00
7) Chloroethane-d5	1.568	69	14115	0.819	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	35639	0.924	ug/L	0.00
20) 2-Butanone-d5	3.931	46	13979m	5.378	ug/L	0.02
24) Chloroform-d	4.349	84	25693	0.865	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10154	0.778	ug/L	0.00
32) Benzene-d6	5.053	84	49792	0.850	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14314	0.831	ug/L	0.00
41) Toluene-d8	7.317	98	44489	0.833	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	4236	0.772	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	13682m	6.562	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9159	0.837	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	14095	0.858	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	21389	0.951	ug/L	99
3) Chloromethane	1.243	50	25201	0.966	ug/L	99
5) Vinyl chloride	1.310	62	26382	1.001	ug/L	98
6) Bromomethane	1.523	94	15434	1.059	ug/L	100
8) Chloroethane	1.587	64	17067	1.001	ug/L	99
9) Trichlorofluoromethane	1.754	101	34146	0.944	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	19628	1.000	ug/L	96
12) 1,1-Dichloroethene	2.121	96	18458	0.979	ug/L	90
13) Acetone	2.182	43	16463m	8.727	ug/L	
14) Carbon disulfide	2.294	76	48055	0.998	ug/L	99
15) Methyl Acetate	2.439	43	4134	0.945	ug/L #	77
16) Methylene chloride	2.507	84	23427	1.285	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	27997	0.980	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	16149	0.979	ug/L	96
19) 1,1-Dichloroethane	3.191	63	30872	1.044	ug/L	98
21) 2-Butanone	4.002	43	19527m	7.654	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	16212	0.965	ug/L	99
23) Bromochloromethane	4.252	128	6807	0.994	ug/L	99
25) Chloroform	4.378	83	30864	0.999	ug/L	100
27) 1,2-Dichloroethane	5.137	62	15924	0.959	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	26604	0.995	ug/L	98
30) Cyclohexane	4.674	56	22078	0.912	ug/L	99
31) Carbon tetrachloride	4.828	117	22490	0.984	ug/L	99
33) Benzene	5.101	78	64221	0.974	ug/L	100
34) Trichloroethene	5.918	95	17206	0.992	ug/L	94
35) Methylcyclohexane	6.130	83	24314	0.916	ug/L	97
37) 1,2-Dichloropropane	6.175	63	14967	0.943	ug/L	99
38) Bromodichloromethane	6.510	83	18844	0.950	ug/L #	93
39) cis-1,3-Dichloropropene	7.030	75	18360	0.921	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	57934	8.589	ug/L	98
42) Toluene	7.387	91	63632	0.904	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	14056	0.890	ug/L	99

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

45) 1,1,2-Trichloroethane	7.841	97	10545	1.030	ug/L	97
47) Tetrachloroethene	7.976	164	13052	0.886	ug/L	93
48) 2-Hexanone	8.143	43	38695	8.162	ug/L	99
49) Dibromochloromethane	8.246	129	11508	1.014	ug/L	98
50) 1,2-Dibromoethane	8.355	107	9220	1.013	ug/L #	89
51) Chlorobenzene	8.882	112	43746	0.978	ug/L	96
52) Ethylbenzene	9.011	91	65373	0.897	ug/L	98
53) m,p-Xylene	9.140	106	24436	0.851	ug/L	100
54) o-Xylene	9.542	106	23160	0.853	ug/L	96
55) Styrene	9.561	104	37993	0.848	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	10862	0.988	ug/L	94
59) Bromoform	9.731	173	5106	1.065	ug/L	100
60) Isopropylbenzene	9.931	105	62645	0.915	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	7982	0.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	25955	0.884	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	45545	0.849	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	31223	0.989	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	32381	1.009	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	27926	0.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	1633	1.078	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	23283	0.979	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	16788	0.950	ug/L	99
71) Naphthalene	13.503	128	22661	0.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	14429	0.994	ug/L	98

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

