

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025894.D
 Acq On : 13 May 2022 16:32
 Operator : SY/MD
 Sample : VSTD01046
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010246

Manual Integrations
 APPROVED

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

Quant Time: May 14 07:00:10 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	175340	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	106366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	143509	7.973	ug/L	0.00
7) Chloroethane-d5	1.568	69	126095	7.990	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	320595	9.075	ug/L	0.00
20) 2-Butanone-d5	3.899	46	196279m	82.422	ug/L	0.00
24) Chloroform-d	4.349	84	240840	8.854	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	104530	8.737	ug/L	0.00
32) Benzene-d6	5.050	84	493880	8.951	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	140521	8.663	ug/L	0.00
41) Toluene-d8	7.313	98	471476	9.382	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	49544	9.589	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	204117	103.972	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	95131	9.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	149259	8.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	184812	8.970	ug/L	100
3) Chloromethane	1.240	50	218734	9.151	ug/L	97
5) Vinyl chloride	1.310	62	232394	9.619	ug/L	99
6) Bromomethane	1.523	94	134416	10.070	ug/L	98
8) Chloroethane	1.584	64	147274	9.425	ug/L	100
9) Trichlorofluoromethane	1.754	101	312657	9.433	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	171091	9.515	ug/L	100
12) 1,1-Dichloroethene	2.117	96	169018	9.780	ug/L	94
13) Acetone	2.185	43	172913m	100.047	ug/L	
14) Carbon disulfide	2.294	76	439831	9.972	ug/L	99
15) Methyl Acetate	2.436	43	44720	11.155	ug/L #	84
16) Methylene chloride	2.506	84	154859	9.268	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	296492	11.325	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	151232	10.009	ug/L	98
19) 1,1-Dichloroethane	3.188	63	282812	10.439	ug/L	98
21) 2-Butanone	3.976	43	277270m	118.625	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	157036	10.206	ug/L	99
23) Bromochloromethane	4.246	128	66026	10.520	ug/L	97
25) Chloroform	4.375	83	288279	10.188	ug/L	99
27) 1,2-Dichloroethane	5.130	62	155579	10.221	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	248799	9.883	ug/L	99
30) Cyclohexane	4.677	56	234765	10.304	ug/L	100
31) Carbon tetrachloride	4.828	117	212526	9.878	ug/L	100
33) Benzene	5.098	78	640254	10.314	ug/L	100
34) Trichloroethene	5.911	95	160298	9.813	ug/L	98
35) Methylcyclohexane	6.130	83	256250	10.250	ug/L	98
37) 1,2-Dichloropropane	6.172	63	156900	10.498	ug/L	99
38) Bromodichloromethane	6.510	83	191117	10.230	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	210134	11.198	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	812486	127.936	ug/L	97
42) Toluene	7.387	91	697871	10.528	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	173432	11.658	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	104467	10.838	ug/L	94
47) Tetrachloroethene	7.976	164	122043	8.804	ug/L	96
48) 2-Hexanone	8.140	43	579460	129.813	ug/L	98
49) Dibromochloromethane	8.246	129	116892	10.935	ug/L	100
50) 1,2-Dibromoethane	8.352	107	95029	11.088	ug/L	94
51) Chlorobenzene	8.879	112	430968	10.232	ug/L	99
52) Ethylbenzene	9.011	91	740088	10.783	ug/L	100
53) m,p-Xylene	9.136	106	289341	10.708	ug/L	93
54) o-Xylene	9.542	106	279516	10.931	ug/L	96
55) Styrene	9.558	104	486070	11.528	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	117072	11.314	ug/L	99
59) Bromoform	9.731	173	57469	11.201	ug/L	99
60) Isopropylbenzene	9.931	105	749612	10.228	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	89496	10.248	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	325974	10.376	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	618705	10.777	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	340091	10.061	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	334528	9.741	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	302845	10.071	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	16907	10.424	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	245059	9.630	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	193153	10.212	ug/L	100
71) Naphthalene	13.500	128	311982	11.580	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	169279	10.891	ug/L	98

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

Manual Integrations

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