

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027930.D
 Acq On : 19 Sep 2022 16:28
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 20 01:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	109318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	113424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	7734	1.027	ug/L	0.00
7) Chloroethane-d5	1.565	69	6413	1.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	13753	0.922	ug/L	0.00
20) 2-Butanone-d5	3.912	46	11293m	7.266	ug/L	0.03
24) Chloroform-d	4.349	84	13410	0.913	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	5318	0.705	ug/L	0.00
32) Benzene-d6	5.050	84	23190	0.738	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	8612	0.944	ug/L	0.00
41) Toluene-d8	7.317	98	20272	0.765	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	2325	0.738	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	9199	7.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6488	1.036	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	8650	0.920	ug/L	0.00
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	7775	0.755	ug/L	97
3) Chloromethane	1.237	50	11507	1.207	ug/L	99
5) Vinyl chloride	1.307	62	9560	0.989	ug/L	100
6) Bromomethane	1.516	94	6739	1.208	ug/L	94
8) Chloroethane	1.581	64	6420	1.124	ug/L	93
9) Trichlorofluoromethane	1.748	101	13717	0.882	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9136	1.152	ug/L	98
12) 1,1-Dichloroethene	2.114	96	8284	1.128	ug/L	86
13) Acetone	2.179	43	12151m	10.597	ug/L	
14) Carbon disulfide	2.288	76	16256	0.794	ug/L	99
15) Methyl Acetate	2.446	43	2511m	0.850	ug/L	
16) Methylene chloride	2.503	84	9595	1.006	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	13306	0.804	ug/L	93
18) trans-1,2-Dichloroethene	2.754	96	7411	0.973	ug/L	97
19) 1,1-Dichloroethane	3.185	63	14468	1.009	ug/L	95
21) 2-Butanone	3.995	43	11668m	7.239	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	7989	0.964	ug/L	93
23) Bromochloromethane	4.249	128	3729	1.053	ug/L	90
25) Chloroform	4.378	83	15825	1.013	ug/L	90
27) 1,2-Dichloroethane	5.137	62	7269	0.799	ug/L #	86
29) 1,1,1-Trichloroethane	4.606	97	12502	0.776	ug/L	96
30) Cyclohexane	4.671	56	7965	0.613	ug/L #	89
31) Carbon tetrachloride	4.828	117	11299	0.819	ug/L	96
33) Benzene	5.098	78	29292	0.821	ug/L	100
34) Trichloroethene	5.915	95	7122	0.809	ug/L	90
35) Methylcyclohexane	6.133	83	10121	0.758	ug/L	97
37) 1,2-Dichloropropane	6.172	63	8150	0.958	ug/L #	96
38) Bromodichloromethane	6.506	83	10362	0.921	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	9979	0.904	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	28036	7.204	ug/L	98
42) Toluene	7.387	91	30955	0.884	ug/L	94
44) trans-1,3-Dichloropropene	7.658	75	7602	0.824	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027930.D
 Acq On : 19 Sep 2022 16:28
 Operator : SY/MD
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001241

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 20 01:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.844	97	6192	1.085	ug/L	97
47) Tetrachloroethene	7.973	164	7295	0.998	ug/L	81
48) 2-Hexanone	8.143	43	21345m	7.670	ug/L	
49) Dibromochloromethane	8.246	129	7077	0.978	ug/L	99
50) 1,2-Dibromoethane	8.352	107	5003	0.964	ug/L #	94
51) Chlorobenzene	8.883	112	22379	0.971	ug/L	94
52) Ethylbenzene	9.011	91	31488	0.860	ug/L	98
53) m,p-Xylene	9.140	106	11824	0.822	ug/L	97
54) o-Xylene	9.542	106	11263	0.818	ug/L	81
55) Styrene	9.561	104	18821	0.788	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	7598	1.160	ug/L #	96
59) Bromoform	9.731	173	4034	1.146	ug/L	97
60) Isopropylbenzene	9.928	105	30315	0.866	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	4367	0.965	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.538	105	8065	0.821	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	22624	0.802	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	18537	1.025	ug/L	94
65) 1,4-Dichlorobenzene	11.272	146	17428	0.955	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	16513	1.001	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.423	75	858	0.874	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.644	180	14489	1.039	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	11775	1.051	ug/L	98
71) Naphthalene	13.503	128	15655	0.880	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	9635	0.963	ug/L	93

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

