

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033860.D
 Acq On : 25 Jan 2024 09:57
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005236

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 25 20:55:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 20:53:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	102925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	95680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42477	6.834	ug/L	0.00
7) Chloroethane-d5	1.536	69	37895	6.869	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	20081	7.071	ug/L	0.00
20) 2-Butanone-d5	3.828	46	75966	53.798	ug/L	0.00
24) Chloroform-d	4.253	84	79886	6.172	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	37731	6.408	ug/L	0.00
32) Benzene-d6	4.963	84	155729	6.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	43363	5.442	ug/L	0.00
41) Toluene-d8	7.243	98	143360	6.438	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	16597	5.895	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	62189	57.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	26975	5.739	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	46156	5.913	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	47626	5.072	ug/L	100
3) Chloromethane	1.217	50	50095	4.549	ug/L	100
5) Vinyl chloride	1.285	62	50075	4.723	ug/L	100
6) Bromomethane	1.491	94	24595	4.650	ug/L	100
8) Chloroethane	1.552	64	31107	4.808	ug/L	100
9) Trichlorofluoromethane	1.716	101	72133	5.438	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	37459	5.120	ug/L	100
12) 1,1-Dichloroethene	2.073	96	36551	5.000	ug/L	100
13) Acetone	2.159	43	49054m	44.011	ug/L	
14) Carbon disulfide	2.243	76	118810	4.519	ug/L	100
15) Methyl Acetate	2.391	43	11473	4.449	ug/L	100
16) Methylene chloride	2.449	84	35084	4.209	ug/L	100
17) Methyl tert-butyl Ether	2.709	73	78114	4.789	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	37390	4.631	ug/L	100
19) 1,1-Dichloroethane	3.114	63	70957	4.473	ug/L	100
21) 2-Butanone	3.909	43	66586	43.305	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	41053	4.821	ug/L	100
23) Bromochloromethane	4.150	128	15332	4.921	ug/L	100
25) Chloroform	4.281	83	70154	4.755	ug/L	100
27) 1,2-Dichloroethane	5.047	62	41021	4.836	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	65289	4.836	ug/L	100
30) Cyclohexane	4.584	56	64305	4.118	ug/L	100
31) Carbon tetrachloride	4.738	117	57908	4.992	ug/L	100
33) Benzene	5.011	78	147622	4.467	ug/L	100
34) Trichloroethene	5.834	95	40394	4.547	ug/L	100
35) Methylcyclohexane	6.050	83	65626	4.407	ug/L	100
37) 1,2-Dichloropropane	6.095	63	37468	4.548	ug/L	100
38) Bromodichloromethane	6.436	83	46750	4.615	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	54816	4.638	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	177758	46.423	ug/L	100
42) Toluene	7.317	91	157211	4.489	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	42711	4.480	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	21831	4.707	ug/L	100
47) Tetrachloroethene	7.905	164	32361	4.988	ug/L	100
48) 2-Hexanone	8.079	43	123125	43.799	ug/L	100
49) Dibromochloromethane	8.178	129	26667	4.632	ug/L	100
50) 1,2-Dibromoethane	8.285	107	20354	4.748	ug/L	100
51) Chlorobenzene	8.815	112	98914	4.571	ug/L	100
52) Ethylbenzene	8.947	91	182627	4.492	ug/L	100
53) m,p-Xylene	9.072	106	68473	4.555	ug/L	100
54) o-Xylene	9.477	106	65871	4.515	ug/L	100
55) Styrene	9.497	104	108573	4.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	24106	4.724	ug/L	100
59) Bromoform	9.667	173	13922	4.857	ug/L	100
60) Isopropylbenzene	9.866	105	184997	4.898	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	17330	4.605	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	154940	4.794	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	150563	4.645	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	79254	4.777	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	77590	4.755	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	68861	4.749	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	3812	4.612	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	61687	4.762	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	47211	4.401	ug/L	100
71) Naphthalene	13.442	128	61889	3.424	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	39456	4.522	ug/L	100

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

