

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033542.D
 Acq On : 28 Dec 2023 11:03
 Operator : SY/MD
 Sample : VSTD00524
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005224

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 02:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41557	5.080	ug/L	0.00
7) Chloroethane-d5	1.532	69	35049	5.057	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	17356	4.793	ug/L	0.00
20) 2-Butanone-d5	3.818	46	96862m	47.787	ug/L	0.00
24) Chloroform-d	4.249	84	81126	4.890	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	37255	4.932	ug/L	0.00
32) Benzene-d6	4.960	84	159147	5.177	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	49529	5.128	ug/L	0.00
41) Toluene-d8	7.243	98	140923	5.180	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	18357	4.730	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	75885	49.090	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30113	4.672	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	48428	4.946	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	59017	5.105	ug/L	100
3) Chloromethane	1.214	50	62037	4.993	ug/L	100
5) Vinyl chloride	1.281	62	60438	5.027	ug/L	100
6) Bromomethane	1.487	94	33374	4.935	ug/L	100
8) Chloroethane	1.551	64	37274	5.026	ug/L	100
9) Trichlorofluoromethane	1.715	101	74853	5.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	45362	5.089	ug/L	100
12) 1,1-Dichloroethene	2.069	96	41082	5.059	ug/L	100
13) Acetone	2.150	43	79556m	43.386	ug/L	
14) Carbon disulfide	2.240	76	125760	5.097	ug/L	100
15) Methyl Acetate	2.394	43	21625m	4.737	ug/L	
16) Methylene chloride	2.449	84	47735	4.732	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	108317	4.837	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	46538	5.152	ug/L	100
19) 1,1-Dichloroethane	3.111	63	98896	5.029	ug/L	100
21) 2-Butanone	3.902	43	116946m	49.243	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	51909	5.064	ug/L	100
23) Bromochloromethane	4.149	128	19778	5.002	ug/L	100
25) Chloroform	4.275	83	94522	5.131	ug/L	100
27) 1,2-Dichloroethane	5.043	62	53505	5.000	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	81477	5.055	ug/L	100
30) Cyclohexane	4.580	56	89025	5.150	ug/L	100
31) Carbon tetrachloride	4.735	117	67704	5.137	ug/L	100
33) Benzene	5.011	78	200479	5.134	ug/L	100
34) Trichloroethene	5.834	95	54215	5.142	ug/L	100
35) Methylcyclohexane	6.050	83	86100	5.143	ug/L	100
37) 1,2-Dichloropropane	6.095	63	53039	5.116	ug/L	100
38) Bromodichloromethane	6.432	83	64359	5.045	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	79411	5.094	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	276168	49.449	ug/L	100
42) Toluene	7.313	91	214560	5.135	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	61900	5.103	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	30625	4.905	ug/L	100
47) Tetrachloroethene	7.905	164	38786	5.224	ug/L	100
48) 2-Hexanone	8.079	43	194894	48.037	ug/L	100
49) Dibromochloromethane	8.175	129	36732	5.025	ug/L	100
50) 1,2-Dibromoethane	8.284	107	28986	4.977	ug/L	100
51) Chlorobenzene	8.815	112	133807	5.112	ug/L	100
52) Ethylbenzene	8.947	91	252072	5.133	ug/L	100
53) m,p-Xylene	9.072	106	93782	5.162	ug/L	100
54) o-Xylene	9.477	106	89015	5.048	ug/L	100
55) Styrene	9.496	104	152717	5.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	33937	4.912	ug/L	100
59) Bromoform	9.667	173	19784	5.134	ug/L	100
60) Isopropylbenzene	9.866	105	251804	5.160	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	24501	4.856	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	210326	5.141	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	210150	5.190	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	106247	5.125	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	105320	4.980	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	92267	5.056	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	5785	4.896	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	81663	5.108	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	66212	4.941	ug/L	100
71) Naphthalene	13.442	128	86973	4.650	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	52863	5.002	ug/L	100

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

