

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033585.D
 Acq On : 12 Jan 2024 10:30
 Operator : SY/MD
 Sample : VSTD00129
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

Quant Time: Jan 12 23:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	149127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	135045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7247	0.800	ug/L	0.00
7) Chloroethane-d5	1.532	69	6513	0.840	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3804	0.935	ug/L	0.00
20) 2-Butanone-d5	3.896	46	16804m	7.419	ug/L	0.06
24) Chloroform-d	4.256	84	15953	0.850	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	6573	0.774	ug/L	0.00
32) Benzene-d6	4.966	84	29516	0.872	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	9336	0.873	ug/L	0.00
41) Toluene-d8	7.249	98	26365	0.879	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3018	0.709	ug/L	0.00
46) 2-Hexanone-d5	8.046	63	11078m	6.578	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	5588	0.784	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	9540	0.906	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	14090	1.063	ug/L	98
3) Chloromethane	1.214	50	16744	1.147	ug/L	98
5) Vinyl chloride	1.285	62	15573	1.110	ug/L	99
6) Bromomethane	1.490	94	7816	1.012	ug/L	99
8) Chloroethane	1.552	64	9593	1.113	ug/L	98
9) Trichlorofluoromethane	1.716	101	19402	1.125	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	10924	1.063	ug/L	96
12) 1,1-Dichloroethene	2.069	96	10713	1.135	ug/L	99
13) Acetone	2.175	43	17932m	9.330	ug/L	
14) Carbon disulfide	2.240	76	39890	1.324	ug/L	98
15) Methyl Acetate	2.391	43	3356	0.649	ug/L #	89
16) Methylene chloride	2.445	84	13765	1.176	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	23532	0.929	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	12186	1.156	ug/L	95
19) 1,1-Dichloroethane	3.114	63	24113	1.064	ug/L	98
21) 2-Butanone	3.969	43	21258m	8.208	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	12472	1.056	ug/L	97
23) Bromochloromethane	4.156	128	4504	0.996	ug/L	97
25) Chloroform	4.278	83	21692	1.029	ug/L	98
27) 1,2-Dichloroethane	5.053	62	12125	0.993	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	20024	1.098	ug/L	99
30) Cyclohexane	4.577	56	24246	1.214	ug/L	98
31) Carbon tetrachloride	4.735	117	16938	1.130	ug/L	95
33) Benzene	5.014	78	49006	1.101	ug/L	100
34) Trichloroethene	5.838	95	13525	1.135	ug/L	97
35) Methylcyclohexane	6.050	83	22119	1.150	ug/L	98
37) 1,2-Dichloropropane	6.098	63	11448	0.982	ug/L	98
38) Bromodichloromethane	6.436	83	14285	0.999	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	16418	0.945	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	51403	8.415	ug/L	99
42) Toluene	7.320	91	51836	1.092	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	13319	0.986	ug/L	93

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

45) 1,1,2-Trichloroethane	7.776	97	6667	0.960	ug/L	97
47) Tetrachloroethene	7.905	164	9161	1.085	ug/L	95
48) 2-Hexanone	8.091	43	38348m	8.562	ug/L	
49) Dibromochloromethane	8.178	129	8168	0.998	ug/L	99
50) 1,2-Dibromoethane	8.291	107	6013	0.933	ug/L	88
51) Chlorobenzene	8.815	112	31446	1.066	ug/L	97
52) Ethylbenzene	8.947	91	60689	1.092	ug/L	99
53) m,p-Xylene	9.075	106	22033	1.074	ug/L	99
54) o-Xylene	9.481	106	21735	1.086	ug/L	96
55) Styrene	9.500	104	33386	1.010	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	6975	0.911	ug/L	97
59) Bromoform	9.670	173	3996	0.961	ug/L #	96
60) Isopropylbenzene	9.870	105	55620	1.053	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	5283	0.958	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	47012	1.050	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	47022	1.060	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	23578	1.040	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	23414	1.019	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	20223	1.019	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	999	0.783	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	17311	0.993	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	13777	0.947	ug/L	98
71) Naphthalene	13.445	128	22239	1.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	11282	0.990	ug/L	99

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

