

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032705.D
 Acq On : 27 Oct 2023 23:48
 Operator : SY/MD
 Sample : 05055-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4939MSD

Quant Time: Oct 28 00:30:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	142928	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	160184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	85778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52639	4.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.532	69	49631	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.059	65	22337	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.802	46	102606	40.478	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.960%
24) Chloroform-d	4.252	84	100258	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.947	65	48934	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.963	84	188784	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.992	67	55606	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.246	98	202608	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.558	79	22862	4.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.027	63	90063	46.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	47364	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	71274	5.089	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	73916	5.038	ug/L	96
3) Chloromethane	1.217	50	85225	4.924	ug/L	96
5) Vinyl chloride	1.285	62	83590	4.867	ug/L	98
6) Bromomethane	1.490	94	48067	4.795	ug/L	97
8) Chloroethane	1.551	64	56603	5.039	ug/L	98
9) Trichlorofluoromethane	1.715	101	116309	5.030	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66785	4.898	ug/L	100
12) 1,1-Dichloroethene	2.072	96	62317	4.878	ug/L	84
13) Acetone	2.130	43	108376	43.309	ug/L	91
14) Carbon disulfide	2.243	76	196271	4.850	ug/L	100
15) Methyl Acetate	2.381	43	18625	3.717	ug/L	97
16) Methylene chloride	2.449	84	69875	4.444	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	139719	5.066	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	66091	5.232	ug/L	98
19) 1,1-Dichloroethane	3.114	63	115768	5.169	ug/L	98
21) 2-Butanone	3.879	43	148886	45.003	ug/L	88
22) cis-1,2-Dichloroethene	3.818	96	68868	5.377	ug/L	97
23) Bromochloromethane	4.153	128	31017	5.206	ug/L	96
25) Chloroform	4.278	83	129009	5.299	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	76956	5.085	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	104481	5.057	ug/L	97
30) Cyclohexane	4.583	56	87214	5.008	ug/L	98
31) Carbon tetrachloride	4.738	117	93883	5.223	ug/L	99
33) Benzene	5.014	78	266475	5.277	ug/L	100
34) Trichloroethene	5.834	95	65906	4.886	ug/L	95
35) Methylcyclohexane	6.053	83	101550	5.038	ug/L	99
37) 1,2-Dichloropropane	6.095	63	62403	5.122	ug/L	100
38) Bromodichloromethane	6.436	83	86902	4.828	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	94150	5.076	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	415739	52.884	ug/L	100
42) Toluene	7.316	91	324661	5.534	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	82696	5.181	ug/L	94
45) 1,1,2-Trichloroethane	7.773	97	52670	5.119	ug/L	99
47) Tetrachloroethene	7.908	164	62138	5.213	ug/L	93
48) 2-Hexanone	8.079	43	301006	52.350	ug/L	100
49) Dibromochloromethane	8.178	129	62560	5.125	ug/L	98
50) 1,2-Dibromoethane	8.284	107	50507	5.260	ug/L	97
51) Chlorobenzene	8.815	112	199674	5.152	ug/L	99
52) Ethylbenzene	8.950	91	328350	5.324	ug/L	99
53) m,p-Xylene	9.075	106	125066	5.356	ug/L	94
54) o-Xylene	9.480	106	122193	5.395	ug/L	96
55) Styrene	9.500	104	202859	5.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	61950	5.161	ug/L	98
59) Bromoform	9.667	173	33843	5.029	ug/L	98
60) Isopropylbenzene	9.869	105	301390	5.177	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	43246	4.767	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	243051	5.107	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	248359	5.281	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	160486	5.138	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	157277	5.072	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	151885	5.287	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	8898	4.104	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	110456	4.954	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	90732	4.796	ug/L	98
71) Naphthalene	13.442	128	143318	4.780	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	85349	5.131	ug/L	98

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

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