

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032704.D
 Acq On : 27 Oct 2023 23:23
 Operator : SY/MD
 Sample : 05055-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4939MS

Quant Time: Oct 28 00:29:56 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	5.539	114	130985	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	82587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51637	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.532	69	47981	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.060	65	22385	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	3.802	46	100807	43.394	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.780%
24) Chloroform-d	4.252	84	96042	5.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	4.947	65	46193	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	4.963	84	183275	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	5.992	67	55082	5.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.246	98	192819	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.558	79	22046	4.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.030	63	87442	47.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	45264	4.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	67418	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	71709	5.333	ug/L	100
3) Chloromethane	1.217	50	81615	5.145	ug/L	98
5) Vinyl chloride	1.285	62	79011	5.020	ug/L	99
6) Bromomethane	1.490	94	46457	5.057	ug/L	98
8) Chloroethane	1.552	64	56129	5.452	ug/L	96
9) Trichlorofluoromethane	1.716	101	112135	5.292	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	64251	5.141	ug/L	99
12) 1,1-Dichloroethene	2.072	96	58202	4.972	ug/L	88
13) Acetone	2.130	43	104153	45.416	ug/L	92
14) Carbon disulfide	2.243	76	188294	5.077	ug/L	99
15) Methyl Acetate	2.381	43	17376	3.784	ug/L	95
16) Methylene chloride	2.449	84	67851	4.709	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	131804	5.215	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	62054	5.360	ug/L	96
19) 1,1-Dichloroethane	3.114	63	108800	5.301	ug/L	97
21) 2-Butanone	3.879	43	141863	46.790	ug/L	82
22) cis-1,2-Dichloroethene	3.815	96	64548	5.500	ug/L	95
23) Bromochloromethane	4.153	128	29842	5.466	ug/L	97
25) Chloroform	4.278	83	124692	5.588	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	74004	5.336	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	100926	5.125	ug/L	99
30) Cyclohexane	4.584	56	81398	4.905	ug/L	98
31) Carbon tetrachloride	4.738	117	90432	5.279	ug/L	99
33) Benzene	5.011	78	250849	5.213	ug/L	100
34) Trichloroethene	5.834	95	63625	4.949	ug/L	96
35) Methylcyclohexane	6.053	83	97152	5.058	ug/L	98
37) 1,2-Dichloropropane	6.095	63	64893	5.589	ug/L	97
38) Bromodichloromethane	6.436	83	82514	4.810	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	88897	5.029	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	401031	53.529	ug/L	100
42) Toluene	7.317	91	308780	5.523	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	79644	5.236	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	51225	5.224	ug/L	98
47) Tetrachloroethene	7.908	164	59104	5.203	ug/L	96
48) 2-Hexanone	8.079	43	291568	53.210	ug/L	98
49) Dibromochloromethane	8.178	129	60370	5.190	ug/L	96
50) 1,2-Dibromoethane	8.284	107	48236	5.271	ug/L	99
51) Chlorobenzene	8.815	112	189998	5.144	ug/L	99
52) Ethylbenzene	8.947	91	310336	5.280	ug/L	99
53) m,p-Xylene	9.075	106	120142	5.399	ug/L	96
54) o-Xylene	9.481	106	115915	5.370	ug/L	96
55) Styrene	9.500	104	198179	5.541	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	59266	5.181	ug/L	98
59) Bromoform	9.670	173	32001	4.939	ug/L	100
60) Isopropylbenzene	9.870	105	290381	5.181	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	42075	4.817	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	229828	5.016	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	232657	5.139	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	152122	5.058	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	151776	5.084	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	143209	5.178	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	8607	4.123	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	104513	4.869	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	84660	4.648	ug/L	99
71) Naphthalene	13.442	128	122876	4.256	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	78188	4.882	ug/L	99

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

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