

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032728.D
 Acq On : 28 Oct 2023 09:29
 Operator : SY/MD
 Sample : 05019-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49B9MS

Quant Time: Oct 30 01:15:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	137808	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	161765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48824	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	47102	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	20996	4.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.802	46	97784	40.009	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.020%
24) Chloroform-d	4.252	84	96824	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.947	65	45263	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	180971	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.992	67	51272	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.246	98	189748	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.558	79	21347	4.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.027	63	83580	42.854	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44489	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	66228	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	69395	4.906	ug/L	99
3) Chloromethane	1.217	50	79496	4.764	ug/L	100
5) Vinyl chloride	1.285	62	77333	4.670	ug/L	100
6) Bromomethane	1.491	94	44427	4.597	ug/L	100
8) Chloroethane	1.552	64	54249	5.009	ug/L	99
9) Trichlorofluoromethane	1.716	101	106855	4.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	61333	4.665	ug/L	97
12) 1,1-Dichloroethene	2.069	96	58987	4.789	ug/L	97
13) Acetone	2.130	43	97458	40.393	ug/L	87
14) Carbon disulfide	2.243	76	179020	4.588	ug/L	99
15) Methyl Acetate	2.388	43	16446	3.404	ug/L	98
16) Methylene chloride	2.449	84	67043	4.422	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	128737	4.841	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	60894	5.000	ug/L	99
19) 1,1-Dichloroethane	3.114	63	108570	5.028	ug/L	97
21) 2-Butanone	3.883	43	139851	43.842	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	62962	5.099	ug/L	98
23) Bromochloromethane	4.153	128	30413	5.295	ug/L	96
25) Chloroform	4.281	83	123467	5.259	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	73967	5.069	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	99277	4.758	ug/L	98
30) Cyclohexane	4.584	56	76625	4.357	ug/L	95
31) Carbon tetrachloride	4.738	117	88545	4.878	ug/L	97
33) Benzene	5.011	78	251263	4.928	ug/L	100
34) Trichloroethene	5.834	95	62030	4.554	ug/L	98
35) Methylcyclohexane	6.053	83	88835	4.364	ug/L	97
37) 1,2-Dichloropropane	6.095	63	58247	4.734	ug/L	99
38) Bromodichloromethane	6.436	83	82909	4.561	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	84432	4.507	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	386262	48.654	ug/L	100
42) Toluene	7.317	91	299837	5.061	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	73502	4.560	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	50020	4.814	ug/L	99
47) Tetrachloroethene	7.908	164	54878	4.559	ug/L	98
48) 2-Hexanone	8.079	43	270348	46.559	ug/L	99
49) Dibromochloromethane	8.178	129	59893	4.859	ug/L	97
50) 1,2-Dibromoethane	8.288	107	47960	4.945	ug/L	100
51) Chlorobenzene	8.815	112	187463	4.790	ug/L	98
52) Ethylbenzene	8.950	91	301703	4.844	ug/L	99
53) m,p-Xylene	9.075	106	117898	4.999	ug/L	97
54) o-Xylene	9.481	106	112832	4.933	ug/L	100
55) Styrene	9.500	104	188836	4.983	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	57186	4.718	ug/L	96
59) Bromoform	9.670	173	31929	4.609	ug/L	99
60) Isopropylbenzene	9.870	105	279680	4.667	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	41429	4.437	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	215588	4.401	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	221357	4.573	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	149062	4.636	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	144451	4.526	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	141052	4.770	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	9051	4.056	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	98356	4.286	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	81001	4.160	ug/L	99
71) Naphthalene	13.442	128	117773	3.816	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	75316	4.399	ug/L	100

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

