

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032729.D
 Acq On : 28 Oct 2023 09:53
 Operator : SY/MD
 Sample : 05019-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49B9MSD

Quant Time: Oct 30 01:15:56 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	140411	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	158793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	85622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49003	4.250	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.532	69	48291	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.060	65	21128	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.802	46	101084	40.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.180%
24) Chloroform-d	4.253	84	96038	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	4.944	65	46649	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.966	84	183911	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.992	67	52108	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.246	98	190693	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.558	79	20950	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.030	63	87084	45.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.980%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	45834	4.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	66720	4.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	71600	4.968	ug/L	100
3) Chloromethane	1.217	50	82095	4.828	ug/L	100
5) Vinyl chloride	1.285	62	78320	4.642	ug/L	100
6) Bromomethane	1.491	94	45322	4.603	ug/L	96
8) Chloroethane	1.552	64	54575	4.945	ug/L	97
9) Trichlorofluoromethane	1.716	101	109792	4.833	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	63594	4.747	ug/L	99
12) 1,1-Dichloroethene	2.073	96	59300	4.725	ug/L	87
13) Acetone	2.130	43	102683	41.769	ug/L	89
14) Carbon disulfide	2.243	76	186886	4.701	ug/L	99
15) Methyl Acetate	2.388	43	16912	3.435	ug/L	91
16) Methylene chloride	2.449	84	66088	4.279	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	131928	4.869	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	62571	5.042	ug/L	98
19) 1,1-Dichloroethane	3.114	63	111137	5.051	ug/L	97
21) 2-Butanone	3.883	43	143239	44.072	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	64035	5.090	ug/L	98
23) Bromochloromethane	4.153	128	29159	4.982	ug/L	98
25) Chloroform	4.281	83	123559	5.166	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	72267	4.861	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	101477	4.954	ug/L	99
30) Cyclohexane	4.584	56	81611	4.728	ug/L	98
31) Carbon tetrachloride	4.738	117	87979	4.937	ug/L	99
33) Benzene	5.015	78	256627	5.127	ug/L	100
34) Trichloroethene	5.834	95	64754	4.842	ug/L	98
35) Methylcyclohexane	6.053	83	92374	4.623	ug/L	96
37) 1,2-Dichloropropane	6.095	63	60793	5.034	ug/L	98
38) Bromodichloromethane	6.436	83	94519	5.297	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	87800	4.775	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	394060	50.565	ug/L	99
42) Toluene	7.317	91	305377	5.251	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	73582	4.650	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	51040	5.004	ug/L	98
47) Tetrachloroethene	7.908	164	57834	4.894	ug/L	96
48) 2-Hexanone	8.079	43	280848	49.272	ug/L	99
49) Dibromochloromethane	8.178	129	60313	4.985	ug/L	98
50) 1,2-Dibromoethane	8.284	107	47777	5.019	ug/L	99
51) Chlorobenzene	8.815	112	191342	4.980	ug/L	98
52) Ethylbenzene	8.950	91	311554	5.096	ug/L	98
53) m,p-Xylene	9.075	106	120711	5.214	ug/L	98
54) o-Xylene	9.481	106	114860	5.115	ug/L	94
55) Styrene	9.500	104	192802	5.183	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	58096	4.883	ug/L	95
59) Bromoform	9.670	173	32205	4.794	ug/L	99
60) Isopropylbenzene	9.870	105	286716	4.934	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	42593	4.704	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	227769	4.795	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	229153	4.882	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	153583	4.926	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	151052	4.880	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	143117	4.991	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	8891	4.108	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	104352	4.689	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	88804	4.702	ug/L	98
71) Naphthalene	13.442	128	135084	4.514	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	79741	4.802	ug/L	99

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

