

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030962.D
 Acq On : 01 May 2023 17:52
 Operator : SY/MD
 Sample : 02528-06MS 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA37MS

Quant Time: May 02 01:34:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	132909	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	130411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46833	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.539	69	37415	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.063	65	24708	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.825	46	98576	50.765	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	4.262	84	96061	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.953	65	50620	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.973	84	167164	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.998	67	46381	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.249	98	165858	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	19953	4.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.037	63	73010	50.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.020%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38892	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	62853	4.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48837	4.651	ug/L	100
3) Chloromethane	1.217	50	52170	4.234	ug/L	98
5) Vinyl chloride	1.285	62	47525	4.608	ug/L	100
6) Bromomethane	1.494	94	21809	4.440	ug/L	100
8) Chloroethane	1.555	64	28339	4.515	ug/L	96
9) Trichlorofluoromethane	1.719	101	92177	4.845	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	47483	4.889	ug/L	99
12) 1,1-Dichloroethene	2.076	96	47857	5.350	ug/L	88
13) Acetone	2.159	43	75824	45.713	ug/L	82
14) Carbon disulfide	2.246	76	95046	4.061	ug/L	97
15) Methyl Acetate	2.394	43	15571	4.614	ug/L #	92
16) Methylene chloride	2.455	84	42759	4.226	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	91696	5.385	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	38356	4.695	ug/L	92
19) 1,1-Dichloroethane	3.118	63	77653	4.922	ug/L	97
21) 2-Butanone	3.912	43	88408	48.464	ug/L	85
22) cis-1,2-Dichloroethene	3.828	96	41338	4.795	ug/L	99
23) Bromochloromethane	4.159	128	21015	5.178	ug/L	91
25) Chloroform	4.288	83	88530	5.230	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	56660	5.334	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	83153	5.074	ug/L	99
30) Cyclohexane	4.593	56	54125	4.373	ug/L	98
31) Carbon tetrachloride	4.744	117	73575	4.998	ug/L	98
33) Benzene	5.021	78	163922	4.997	ug/L	100
34) Trichloroethene	5.841	95	57807	6.611	ug/L	98
35) Methylcyclohexane	6.056	83	59707	4.406	ug/L	99
37) 1,2-Dichloropropane	6.101	63	38967	5.008	ug/L #	95
38) Bromodichloromethane	6.439	83	58308	5.120	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	58313	5.004	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	240984	59.776	ug/L	98
42) Toluene	7.323	91	184755	5.231	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	52076	5.245	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	31155	5.396	ug/L	96
47) Tetrachloroethene	7.912	164	160920	19.290	ug/L	97
48) 2-Hexanone	8.085	43	180343	58.324	ug/L	97
49) Dibromochloromethane	8.185	129	39835	5.485	ug/L	96
50) 1,2-Dibromoethane	8.291	107	28632	5.560	ug/L	98
51) Chlorobenzene	8.821	112	118781	4.961	ug/L	99
52) Ethylbenzene	8.953	91	189930	4.933	ug/L	97
53) m,p-Xylene	9.079	106	75013	4.882	ug/L	100
54) o-Xylene	9.487	106	71866	4.914	ug/L	99
55) Styrene	9.503	104	129722	5.257	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	37060	5.743	ug/L	99
59) Bromoform	9.674	173	24402	5.182	ug/L	98
60) Isopropylbenzene	9.873	105	198196	4.595	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	26040	5.182	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	159818	4.552	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	156813	4.408	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	107659	4.860	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	107978	4.832	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	98352	4.938	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	6060	4.751	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.590	180	83758	4.776	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	64629	4.795	ug/L	98
71) Naphthalene	13.448	128	86863	4.495	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	56737	4.973	ug/L	97

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

