

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030963.D
 Acq On : 01 May 2023 18:16
 Operator : SY/MD
 Sample : 02528-07MSD 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 HOA37MSD

Quant Time: May 02 01:35:13 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	141684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43811	3.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.539	69	36077	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.063	65	23165	3.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.828	46	81542	39.392	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.780%
24) Chloroform-d	4.259	84	89481	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	4.953	65	45200	3.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	4.969	84	155801	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	5.998	67	43874	3.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.249	98	154412	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.561	79	17211	3.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.037	63	61449	39.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.200%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34580	3.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	58250	3.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	50285	4.492	ug/L	98
3) Chloromethane	1.217	50	53488	4.072	ug/L	98
5) Vinyl chloride	1.285	62	48583	4.419	ug/L	97
6) Bromomethane	1.494	94	22474	4.292	ug/L	96
8) Chloroethane	1.555	64	30229	4.517	ug/L	99
9) Trichlorofluoromethane	1.719	101	91787	4.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47353	4.573	ug/L	98
12) 1,1-Dichloroethene	2.076	96	48983	5.137	ug/L	83
13) Acetone	2.156	43	64648	36.562	ug/L	80
14) Carbon disulfide	2.246	76	95875	3.843	ug/L	98
15) Methyl Acetate	2.400	43	12815	3.562	ug/L #	84
16) Methylene chloride	2.455	84	44421	4.118	ug/L	89
17) Methyl tert-butyl Ether	2.716	73	89299	4.920	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	37700	4.329	ug/L	99
19) 1,1-Dichloroethane	3.121	63	76849	4.570	ug/L	98
21) 2-Butanone	3.905	43	80398	41.343	ug/L	93
22) cis-1,2-Dichloroethene	3.828	96	42531	4.628	ug/L	96
23) Bromochloromethane	4.162	128	20777	4.802	ug/L	96
25) Chloroform	4.288	83	85586	4.743	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	56832	5.018	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	85681	4.856	ug/L	98
30) Cyclohexane	4.593	56	55420	4.159	ug/L	99
31) Carbon tetrachloride	4.744	117	73100	4.613	ug/L	100
33) Benzene	5.021	78	164790	4.666	ug/L	100
34) Trichloroethene	5.841	95	59804	6.352	ug/L	98
35) Methylcyclohexane	6.056	83	61929	4.245	ug/L	100
37) 1,2-Dichloropropane	6.101	63	40724	4.861	ug/L #	97
38) Bromodichloromethane	6.442	83	58679	4.786	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	53546	4.268	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	216965	49.987	ug/L	98
42) Toluene	7.323	91	183176	4.817	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	50323	4.707	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	30310	4.876	ug/L	98
47) Tetrachloroethene	7.911	164	161660	18.000	ug/L	98
48) 2-Hexanone	8.088	43	161220	48.428	ug/L	99
49) Dibromochloromethane	8.185	129	37542	4.801	ug/L	96
50) 1,2-Dibromoethane	8.291	107	26199	4.726	ug/L	99
51) Chlorobenzene	8.821	112	122655	4.758	ug/L	98
52) Ethylbenzene	8.953	91	193527	4.668	ug/L	98
53) m,p-Xylene	9.082	106	73599	4.449	ug/L	92
54) o-Xylene	9.487	106	72770	4.622	ug/L	98
55) Styrene	9.503	104	129045	4.857	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	34292	4.936	ug/L #	94
59) Bromoform	9.673	173	23150	4.760	ug/L	97
60) Isopropylbenzene	9.876	105	202274	4.541	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	24681	4.755	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	158510	4.371	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	162644	4.426	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	108763	4.754	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	106440	4.611	ug/L	94
67) 1,2-Dichlorobenzene	11.587	146	96096	4.671	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	6017	4.567	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	82884	4.575	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	65773	4.725	ug/L	99
71) Naphthalene	13.448	128	89305	4.474	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	56111	4.762	ug/L	98

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

