

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034303.D
 Acq On : 21 Feb 2024 05:08
 Operator : SY/MD
 Sample : P1511-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCND1MSD

Quant Time: Feb 21 05:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	72731	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	67365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21559	3.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.535	69	19972	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.060	65	10952	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.796	46	44640	47.187	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.249	84	47968	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.947	65	22986	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	86812	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	24601	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.243	98	80124	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.558	79	7683	3.601	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.027	63	33554	44.060	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15482	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	27874	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27453	4.119	ug/L	98
3) Chloromethane	1.217	50	30570	4.205	ug/L	98
5) Vinyl chloride	1.285	62	31139	4.482	ug/L #	1
6) Bromomethane	1.490	94	13482	3.685	ug/L	99
8) Chloroethane	1.552	64	21691	4.577	ug/L	93
9) Trichlorofluoromethane	1.716	101	53831	5.377	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27982	5.347	ug/L	99
12) 1,1-Dichloroethene	2.072	96	26183	5.153	ug/L	91
13) Acetone	2.127	43	36170	50.397	ug/L #	38
14) Carbon disulfide	2.243	76	77108	4.690	ug/L	99
15) Methyl Acetate	2.384	43	6630	3.903	ug/L	92
16) Methylene chloride	2.449	84	25665	5.264	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	53536	5.128	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	26259	5.074	ug/L	99
19) 1,1-Dichloroethane	3.114	63	47568	5.002	ug/L	95
21) 2-Butanone	3.879	43	43073	45.415	ug/L #	50
22) cis-1,2-Dichloroethene	3.815	96	27343	4.657	ug/L	96
23) Bromochloromethane	4.149	128	10978	5.378	ug/L	88
25) Chloroform	4.275	83	49544	5.154	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	29285	5.321	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	47795	5.285	ug/L	99
30) Cyclohexane	4.584	56	41479	4.716	ug/L	96
31) Carbon tetrachloride	4.735	117	41352	5.225	ug/L	97
33) Benzene	5.011	78	103174	5.106	ug/L	100
34) Trichloroethene	5.834	95	26883	4.597	ug/L	97
35) Methylcyclohexane	6.050	83	43488	4.738	ug/L	97
37) 1,2-Dichloropropane	6.092	63	23514	4.804	ug/L	100
38) Bromodichloromethane	6.432	83	32220	5.015	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	28848	3.874	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	113625	48.481	ug/L	99
42) Toluene	7.317	91	113097	5.237	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	22016	3.850	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	14650	4.848	ug/L	96
47) Tetrachloroethene	7.905	164	22422	4.719	ug/L	93
48) 2-Hexanone	8.075	43	78450	47.487	ug/L	98
49) Dibromochloromethane	8.175	129	17773	4.949	ug/L	99
50) 1,2-Dibromoethane	8.284	107	13720	5.058	ug/L	98
51) Chlorobenzene	8.812	112	68941	5.049	ug/L	99
52) Ethylbenzene	8.947	91	126130	5.074	ug/L	98
53) m,p-Xylene	9.072	106	47501	5.057	ug/L	99
54) o-Xylene	9.477	106	47297	5.222	ug/L	100
55) Styrene	9.497	104	70147	4.837	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	15955	5.002	ug/L	94
59) Bromoform	9.667	173	7695	4.221	ug/L	99
60) Isopropylbenzene	9.866	105	120372	4.916	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11698	5.141	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	103919	5.020	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	102214	5.081	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	55271	5.176	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	51898	4.909	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	49049	5.349	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2191	4.595	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	41074	4.971	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	32181	4.989	ug/L	98
71) Naphthalene	13.438	128	41350	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	26959	5.216	ug/L	99

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

