

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034203.D
 Acq On : 15 Feb 2024 21:36
 Operator : SY/MD
 Sample : P1501-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10A0MSD

Quant Time: Feb 16 00:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	71516	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	64738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18373	3.317	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.532	69	18938	3.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.060	65	9967	3.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.802	46	49987	53.737	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	4.253	84	47014	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.944	65	24029	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.963	84	79233	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.989	67	23512	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.243	98	72978	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	9824	4.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.027	63	36977	50.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16323	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28417	4.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30524	4.658	ug/L	97
3) Chloromethane	1.217	50	32254	4.512	ug/L	98
5) Vinyl chloride	1.285	62	31262	4.576	ug/L	91
6) Bromomethane	1.491	94	18029	5.012	ug/L	98
8) Chloroethane	1.552	64	21039	4.515	ug/L	99
9) Trichlorofluoromethane	1.712	101	55493	5.637	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27161	5.278	ug/L	98
12) 1,1-Dichloroethene	2.069	96	25058	5.016	ug/L	95
13) Acetone	2.134	43	35444	50.225	ug/L #	41
14) Carbon disulfide	2.240	76	67603	4.182	ug/L	100
15) Methyl Acetate	2.384	43	7272	4.354	ug/L	97
16) Methylene chloride	2.449	84	22755	4.747	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55001	5.358	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	23686	4.655	ug/L	99
19) 1,1-Dichloroethane	3.111	63	46334	4.955	ug/L	94
21) 2-Butanone	3.886	43	42471	45.541	ug/L #	49
22) cis-1,2-Dichloroethene	3.815	96	26531	4.595	ug/L	99
23) Bromochloromethane	4.153	128	10468	5.216	ug/L	90
25) Chloroform	4.278	83	48001	5.078	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30614	5.657	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	47909	5.512	ug/L	100
30) Cyclohexane	4.584	56	36715	4.344	ug/L	92
31) Carbon tetrachloride	4.738	117	42651	5.608	ug/L	99
33) Benzene	5.011	78	95017	4.894	ug/L	100
34) Trichloroethene	5.834	95	27505	4.895	ug/L	97
35) Methylcyclohexane	6.050	83	39500	4.478	ug/L	97
37) 1,2-Dichloropropane	6.095	63	22396	4.762	ug/L	98
38) Bromodichloromethane	6.436	83	32547	5.272	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	35220	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	114000	50.615	ug/L	98
42) Toluene	7.317	91	105110	5.065	ug/L	95
44) trans-1,3-Dichloropropene	7.584	75	28576	5.200	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	15312	5.272	ug/L	94
47) Tetrachloroethene	7.905	164	21410	4.689	ug/L	98
48) 2-Hexanone	8.075	43	80243	50.543	ug/L	99
49) Dibromochloromethane	8.178	129	19388	5.618	ug/L	98
50) 1,2-Dibromoethane	8.284	107	13428	5.151	ug/L #	96
51) Chlorobenzene	8.815	112	66724	5.085	ug/L	97
52) Ethylbenzene	8.947	91	118552	4.963	ug/L	100
53) m,p-Xylene	9.072	106	44051	4.880	ug/L	94
54) o-Xylene	9.477	106	43146	4.957	ug/L	98
55) Styrene	9.497	104	72106	5.174	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16392	5.348	ug/L	94
59) Bromoform	9.667	173	10473	5.673	ug/L	100
60) Isopropylbenzene	9.866	105	122699	4.949	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	11645	5.055	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	104065	4.965	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	101687	4.993	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	55057	5.093	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	53691	5.015	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	48584	5.233	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2517	5.213	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	41551	4.966	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	32562	4.986	ug/L	98
71) Naphthalene	13.439	128	45429	5.308	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	27084	5.175	ug/L	96

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

