

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020924\
 Data File : VW034122.D
 Acq On : 09 Feb 2024 19:16
 Operator : SY/MD
 Sample : P1384-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC6MSD

Quant Time: Feb 09 23:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	73872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	68524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25387	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.532	69	21300	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.059	65	12189	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.789	46	45291	47.136	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	4.252	84	48397	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.947	65	24367	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.963	84	88190	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.989	67	23959	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.246	98	83168	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.558	79	9969	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.024	63	37434	48.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16653	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30351	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	31002	4.580	ug/L	99
3) Chloromethane	1.217	50	32689	4.427	ug/L	99
5) Vinyl chloride	1.285	62	33639	4.767	ug/L	88
6) Bromomethane	1.487	94	18614	5.009	ug/L	97
8) Chloroethane	1.548	64	20482	4.255	ug/L	97
9) Trichlorofluoromethane	1.715	101	55317	5.440	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27820	5.234	ug/L	100
12) 1,1-Dichloroethene	2.069	96	26085	5.055	ug/L	98
13) Acetone	2.111	43	35450	48.631	ug/L #	35
14) Carbon disulfide	2.240	76	72019	4.313	ug/L	99
15) Methyl Acetate	2.378	43	7507	4.351	ug/L	93
16) Methylene chloride	2.449	84	24049	4.857	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	58198	5.489	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	24643	4.688	ug/L	100
19) 1,1-Dichloroethane	3.114	63	46871	4.853	ug/L	96
21) 2-Butanone	3.873	43	46440	48.209	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	28533	4.785	ug/L	97
23) Bromochloromethane	4.153	128	11634	5.612	ug/L	91
25) Chloroform	4.278	83	49832	5.104	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31315	5.601	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	47674	5.182	ug/L	99
30) Cyclohexane	4.583	56	40101	4.482	ug/L	95
31) Carbon tetrachloride	4.738	117	41540	5.160	ug/L	99
33) Benzene	5.011	78	102001	4.963	ug/L	100
34) Trichloroethene	5.834	95	37196	6.253	ug/L	94
35) Methylcyclohexane	6.050	83	43259	4.633	ug/L	98
37) 1,2-Dichloropropane	6.095	63	23637	4.748	ug/L #	96
38) Bromodichloromethane	6.436	83	33231	5.085	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	38101	5.030	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	127077	53.304	ug/L	99
42) Toluene	7.316	91	116435	5.301	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	29630	5.094	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16056	5.223	ug/L	96
47) Tetrachloroethene	7.905	164	23340	4.829	ug/L	98
48) 2-Hexanone	8.075	43	88059	52.402	ug/L	99
49) Dibromochloromethane	8.178	129	19147	5.241	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15410	5.585	ug/L	100
51) Chlorobenzene	8.815	112	69544	5.007	ug/L	97
52) Ethylbenzene	8.947	91	125111	4.948	ug/L	99
53) m,p-Xylene	9.075	106	48387	5.064	ug/L	98
54) o-Xylene	9.477	106	46484	5.045	ug/L	95
55) Styrene	9.496	104	75700	5.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	17821	5.493	ug/L	96
59) Bromoform	9.667	173	10310	5.253	ug/L	97
60) Isopropylbenzene	9.866	105	128822	4.886	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13420	5.479	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	106886	4.796	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	107596	4.968	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58897	5.124	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	58837	5.169	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	52376	5.305	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2818	5.489	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	43724	4.915	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	38288	5.513	ug/L	97
71) Naphthalene	13.442	128	58116	6.387	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31800	5.715	ug/L	98

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

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