

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034358.D
 Acq On : 22 Feb 2024 19:45
 Operator : SY/MD
 Sample : P1526-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10A5MSD

Quant Time: Feb 23 01:20:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	76180	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17138	2.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.536	69	17957	3.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.060	65	9388	3.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.809	46	58431	58.969	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.940%
24) Chloroform-d	4.252	84	51056	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.947	65	25286	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.963	84	87049	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.989	67	25370	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.243	98	79001	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	9311	4.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.027	63	44724	55.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19604	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	30397	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27742	3.974	ug/L	98
3) Chloromethane	1.217	50	34710	4.558	ug/L	99
5) Vinyl chloride	1.285	62	32585	4.478	ug/L	93
6) Bromomethane	1.491	94	13106	3.420	ug/L	98
8) Chloroethane	1.552	64	22357	4.504	ug/L	94
9) Trichlorofluoromethane	1.716	101	55630	5.305	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27712	5.056	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27906	5.244	ug/L	92
13) Acetone	2.137	43	43016	57.223	ug/L #	38
14) Carbon disulfide	2.240	76	79840	4.637	ug/L	100
15) Methyl Acetate	2.391	43	9339	5.249	ug/L	98
16) Methylene chloride	2.449	84	28264	5.535	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	62253	5.693	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28213	5.205	ug/L	97
19) 1,1-Dichloroethane	3.114	63	53360	5.357	ug/L	96
21) 2-Butanone	3.889	43	51561	51.904	ug/L #	48
22) cis-1,2-Dichloroethene	3.818	96	30161	4.904	ug/L	99
23) Bromochloromethane	4.156	128	12121	5.669	ug/L	90
25) Chloroform	4.278	83	54544	5.417	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034358.D
 Acq On : 22 Feb 2024 19:45
 Operator : SY/MD
 Sample : P1526-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10A5MSD

Quant Time: Feb 23 01:20:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	31709	5.500	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	51635	5.396	ug/L	99
30) Cyclohexane	4.584	56	41860	4.498	ug/L	95
31) Carbon tetrachloride	4.735	117	44928	5.366	ug/L	98
33) Benzene	5.011	78	110799	5.183	ug/L	100
34) Trichloroethene	5.838	95	29461	4.762	ug/L	96
35) Methylcyclohexane	6.050	83	44681	4.601	ug/L	97
37) 1,2-Dichloropropane	6.095	63	24108	4.656	ug/L	98
38) Bromodichloromethane	6.432	83	35510	5.224	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	34788	4.415	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	139148	56.115	ug/L	99
42) Toluene	7.317	91	121368	5.312	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	28077	4.641	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	17488	5.469	ug/L	97
47) Tetrachloroethene	7.905	164	95788	19.054	ug/L	96
48) 2-Hexanone	8.079	43	97539	55.803	ug/L	98
49) Dibromochloromethane	8.178	129	20502	5.396	ug/L	97
50) 1,2-Dibromoethane	8.288	107	15948	5.557	ug/L	100
51) Chlorobenzene	8.815	112	77298	5.351	ug/L	97
52) Ethylbenzene	8.947	91	136182	5.178	ug/L	100
53) m,p-Xylene	9.072	106	50096	5.041	ug/L	100
54) o-Xylene	9.477	106	50953	5.317	ug/L	97
55) Styrene	9.497	104	79919	5.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	20050	5.941	ug/L	97
59) Bromoform	9.667	173	8705	4.382	ug/L	98
60) Isopropylbenzene	9.866	105	128116	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14370	5.796	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	114399	5.071	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	112365	5.126	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61679	5.301	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	58651	5.091	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	55621	5.566	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	2917	5.614	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	43978	4.884	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	36301	5.165	ug/L	100
71) Naphthalene	13.442	128	54375	5.904	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	31721	5.632	ug/L	98

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

