

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012524\
 Data File : VW033870.D
 Acq On : 25 Jan 2024 16:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Jan 25 21:21:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	94911	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37315	5.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.532	69	31647	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.060	65	17043	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.812	46	71824	58.180	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	4.252	84	68208	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.947	65	32994	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.960	84	128899	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.992	67	37903	5.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.243	98	119359	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.558	79	13321	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.027	63	59570	60.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24464	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	42751	5.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43929	5.051	ug/L	98
3) Chloromethane	1.217	50	47413	4.997	ug/L	97
5) Vinyl chloride	1.285	62	45939	5.067	ug/L	87
6) Bromomethane	1.491	94	22532	4.720	ug/L	97
8) Chloroethane	1.552	64	29376	4.750	ug/L	87
9) Trichlorofluoromethane	1.716	101	66897	5.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	35093	5.139	ug/L	99
12) 1,1-Dichloroethene	2.072	96	34203	5.159	ug/L	95
13) Acetone	2.140	43	45879	48.986	ug/L #	37
14) Carbon disulfide	2.243	76	108941	5.078	ug/L	98
15) Methyl Acetate	2.391	43	10582	4.774	ug/L	95
16) Methylene chloride	2.449	84	32680	5.137	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	73500	5.395	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32646	4.834	ug/L	96
19) 1,1-Dichloroethane	3.114	63	64734	5.217	ug/L	97
21) 2-Butanone	3.896	43	64162	51.842	ug/L #	53
22) cis-1,2-Dichloroethene	3.818	96	36709	4.791	ug/L	97
23) Bromochloromethane	4.153	128	14357	5.390	ug/L	93
25) Chloroform	4.278	83	63935	5.097	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	39024	5.433	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	60834	5.180	ug/L	98
30) Cyclohexane	4.584	56	58242	5.100	ug/L	99
31) Carbon tetrachloride	4.738	117	52376	5.097	ug/L	99
33) Benzene	5.011	78	133841	5.102	ug/L	100
34) Trichloroethene	5.838	95	37287	4.911	ug/L	95
35) Methylcyclohexane	6.050	83	59835	5.021	ug/L	99
37) 1,2-Dichloropropane	6.095	63	32345	5.090	ug/L	100
38) Bromodichloromethane	6.436	83	43215	5.181	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	47815	4.945	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	171452	56.342	ug/L	100
42) Toluene	7.317	91	146583	5.228	ug/L	97
44) trans-1,3-Dichloropropene	7.584	75	38148	5.138	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	20590	5.247	ug/L	98
47) Tetrachloroethene	7.908	164	29304	4.750	ug/L	97
48) 2-Hexanone	8.079	43	119253	55.595	ug/L	98
49) Dibromochloromethane	8.178	129	24656	5.288	ug/L	98
50) 1,2-Dibromoethane	8.284	107	18915	5.370	ug/L #	95
51) Chlorobenzene	8.815	112	90712	5.117	ug/L	99
52) Ethylbenzene	8.947	91	167799	5.199	ug/L	99
53) m,p-Xylene	9.075	106	63541	5.210	ug/L	97
54) o-Xylene	9.477	106	61171	5.201	ug/L	99
55) Styrene	9.497	104	101996	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	22791	5.503	ug/L	98
59) Bromoform	9.667	173	12288	4.898	ug/L	98
60) Isopropylbenzene	9.866	105	169373	5.026	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	16581	5.296	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	141687	4.974	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	142898	5.163	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	75390	5.131	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	72577	4.989	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	65344	5.178	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	3688	5.621	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	57573	5.063	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	46777	5.270	ug/L	99
71) Naphthalene	13.442	128	62857	5.404	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38387	5.397	ug/L	98

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

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