

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110724\
 Data File : VV037967.D
 Acq On : 07 Nov 2024 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: Nov 08 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 01:25:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	299905	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	309212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	170061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	99311	4.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.529	69	84181	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.053	65	42842	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.812	46	244248	57.087	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.180%
24) Chloroform-d	4.243	84	210648	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.937	65	96782	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	4.953	84	383065	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.982	67	113748	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.236	98	355742	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.555	79	39937	4.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.021	63	232006	66.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.600%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	105453	5.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	130777	4.662	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145138	4.848	ug/L	99
3) Chloromethane	1.214	50	138270	4.909	ug/L	98
5) Vinyl chloride	1.278	62	140893	5.026	ug/L	95
6) Bromomethane	1.484	94	77724	4.901	ug/L	95
8) Chloroethane	1.545	64	90892	5.450	ug/L	94
9) Trichlorofluoromethane	1.709	101	194108	4.984	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	110776	4.970	ug/L	99
12) 1,1-Dichloroethene	2.063	96	105341	5.142	ug/L	97
13) Acetone	2.140	43	176487	58.111	ug/L	96
14) Carbon disulfide	2.233	76	345284	4.968	ug/L	100
15) Methyl Acetate	2.388	43	40870	5.685	ug/L	99
16) Methylene chloride	2.442	84	129711	5.424	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	259683	5.669	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	116199	5.251	ug/L	96
19) 1,1-Dichloroethane	3.105	63	214039	5.325	ug/L	98
21) 2-Butanone	3.889	43	262623	58.185	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	122529	5.255	ug/L	100
23) Bromochloromethane	4.143	128	59984	5.698	ug/L	98
25) Chloroform	4.269	83	225849	5.348	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	134277	5.739	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	193660	5.239	ug/L	97
30) Cyclohexane	4.574	56	163877	4.997	ug/L	98
31) Carbon tetrachloride	4.728	117	161677	4.984	ug/L	100
33) Benzene	5.002	78	466867	5.495	ug/L	100
34) Trichloroethene	5.828	95	119596	5.083	ug/L	97
35) Methylcyclohexane	6.040	83	172217	4.911	ug/L	99
37) 1,2-Dichloropropane	6.088	63	122100	5.749	ug/L	99
38) Bromodichloromethane	6.426	83	146883	5.213	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	153986	5.019	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	687317	64.312	ug/L	97
42) Toluene	7.307	91	498384	5.543	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	129007	5.099	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	94617	5.886	ug/L	97
47) Tetrachloroethene	7.899	164	95785	5.237	ug/L	99
48) 2-Hexanone	8.072	43	494469	65.408	ug/L	99
49) Dibromochloromethane	8.169	129	91248	4.966	ug/L	96
50) 1,2-Dibromoethane	8.278	107	88782	5.918	ug/L	99
51) Chlorobenzene	8.809	112	326671	5.313	ug/L	99
52) Ethylbenzene	8.940	91	517467	5.344	ug/L	99
53) m,p-Xylene	9.066	106	196619	5.322	ug/L	93
54) o-Xylene	9.471	106	194260	5.525	ug/L	98
55) Styrene	9.490	104	355026	5.863	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	115496	6.189	ug/L	99
59) Bromoform	9.661	173	45598	4.601	ug/L	98
60) Isopropylbenzene	9.860	105	515096	5.198	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	78803	5.926	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	394081	5.058	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	407828	5.305	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	265678	5.295	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	269482	5.201	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	245357	5.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	17693	6.128	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	180069	5.085	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	154740	5.565	ug/L	98
71) Naphthalene	13.435	128	235477	5.967	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	142733	5.954	ug/L	97

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

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