

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037368.D
 Acq On : 19 Sep 2024 07:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: Sep 19 07:25:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	343835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	348801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	182608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70220	3.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	83613	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.057	65	37964	3.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.809	46	284509	47.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.243	84	211298	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.941	65	100283	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.953	84	387787	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.982	67	125182	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.236	98	345374	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.555	79	32912	3.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.024	63	232580	49.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	111158	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.555	152	136172	4.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145389	4.552	ug/L	99
3) Chloromethane	1.214	50	138260	4.057	ug/L	99
5) Vinyl chloride	1.282	62	150762	4.501	ug/L	94
6) Bromomethane	1.487	94	61418	3.057	ug/L	95
8) Chloroethane	1.548	64	95262	4.730	ug/L	94
9) Trichlorofluoromethane	1.712	101	204059	4.898	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	115390	4.573	ug/L	98
12) 1,1-Dichloroethene	2.066	96	112907	4.686	ug/L	95
13) Acetone	2.143	43	187666	44.709	ug/L	99
14) Carbon disulfide	2.237	76	352257	4.636	ug/L	100
15) Methyl Acetate	2.388	43	46875	4.876	ug/L	97
16) Methylene chloride	2.442	84	129269	4.667	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	269694	4.709	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	121272	4.784	ug/L	98
19) 1,1-Dichloroethane	3.108	63	230621	4.764	ug/L	99
21) 2-Butanone	3.889	43	283625	44.458	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	134055	4.891	ug/L	99
23) Bromochloromethane	4.146	128	60547	5.101	ug/L	93
25) Chloroform	4.272	83	234628	4.811	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	135913	4.925	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	200472	4.847	ug/L	98
30) Cyclohexane	4.574	56	180248	4.492	ug/L	98
31) Carbon tetrachloride	4.728	117	168155	4.777	ug/L	100
33) Benzene	5.005	78	504937	4.804	ug/L	100
34) Trichloroethene	5.828	95	135480	4.784	ug/L	97
35) Methylcyclohexane	6.043	83	191983	4.459	ug/L	99
37) 1,2-Dichloropropane	6.088	63	136043	5.088	ug/L	98
38) Bromodichloromethane	6.429	83	158437	4.733	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	158038	4.081	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	766420	50.067	ug/L	98
42) Toluene	7.310	91	546255	4.997	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	119196	3.814	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	96233	5.028	ug/L	99
47) Tetrachloroethene	7.899	164	98845	4.877	ug/L	98
48) 2-Hexanone	8.072	43	565474	50.540	ug/L	99
49) Dibromochloromethane	8.172	129	90989	4.538	ug/L	98
50) 1,2-Dibromoethane	8.278	107	89626	4.957	ug/L	99
51) Chlorobenzene	8.809	112	351206	4.824	ug/L	99
52) Ethylbenzene	8.940	91	591284	4.846	ug/L	99
53) m,p-Xylene	9.069	106	223135	4.971	ug/L	99
54) o-Xylene	9.471	106	213017	4.793	ug/L	100
55) Styrene	9.490	104	387038	5.137	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	120680	5.220	ug/L	98
59) Bromoform	9.661	173	40402	3.782	ug/L	99
60) Isopropylbenzene	9.860	105	580655	4.751	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	80610	4.851	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	454630	4.691	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	461167	4.737	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	277795	4.808	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	275433	4.648	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	255181	4.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	15932	4.623	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	189007	4.587	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	155530	4.585	ug/L	99
71) Naphthalene	13.435	128	206902	3.991	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	133856	4.769	ug/L	98

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

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