

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038012.D
 Acq On : 11 Nov 2024 22:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005300

Quant Time: Nov 12 04:45:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	276829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	285186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	150170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	76923	3.630	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.529	69	69289	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.053	65	33577	3.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.828	46	250980	63.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.100%
24) Chloroform-d	4.243	84	186335	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.941	65	90346	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.953	84	325447	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.986	67	104801	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.236	98	295918	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.551	79	38395	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.024	63	232406	72.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	144.020%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101130	5.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	119744	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	128356	4.645	ug/L	98
3) Chloromethane	1.214	50	133627	5.139	ug/L	99
5) Vinyl chloride	1.278	62	132135	5.106	ug/L	99
6) Bromomethane	1.484	94	78631	5.372	ug/L	98
8) Chloroethane	1.545	64	80692	5.241	ug/L	100
9) Trichlorofluoromethane	1.709	101	179426	4.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	96706	4.700	ug/L	99
12) 1,1-Dichloroethene	2.063	96	99865	5.281	ug/L	91
13) Acetone	2.153	43	175806	62.712	ug/L	71
14) Carbon disulfide	2.233	76	318714	4.968	ug/L	100
15) Methyl Acetate	2.391	43	44303	6.676	ug/L	100
16) Methylene chloride	2.442	84	120261	5.448	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	268520	6.350	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	112394	5.503	ug/L	98
19) 1,1-Dichloroethane	3.105	63	204496	5.511	ug/L	97
21) 2-Butanone	3.905	43	262422	62.987	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	117754	5.471	ug/L	99
23) Bromochloromethane	4.143	128	57412	5.908	ug/L	94
25) Chloroform	4.269	83	217286	5.574	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127060	5.883	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	180706	5.300	ug/L	100
30) Cyclohexane	4.571	56	145393	4.807	ug/L	99
31) Carbon tetrachloride	4.725	117	149556	4.999	ug/L	99
33) Benzene	5.002	78	444775	5.676	ug/L	100
34) Trichloroethene	5.828	95	118198	5.447	ug/L	97
35) Methylcyclohexane	6.040	83	155577	4.810	ug/L	99
37) 1,2-Dichloropropane	6.088	63	115704	5.907	ug/L	99
38) Bromodichloromethane	6.426	83	141438	5.443	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	155607	5.499	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	678157	68.801	ug/L	97
42) Toluene	7.307	91	470491	5.674	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	129907	5.567	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	92333	6.228	ug/L	98
47) Tetrachloroethene	7.899	164	87877	5.210	ug/L	99
48) 2-Hexanone	8.072	43	502592	72.084	ug/L	98
49) Dibromochloromethane	8.169	129	90425	5.335	ug/L	98
50) 1,2-Dibromoethane	8.278	107	88811	6.419	ug/L	96
51) Chlorobenzene	8.809	112	309446	5.456	ug/L	99
52) Ethylbenzene	8.940	91	486499	5.447	ug/L	99
53) m,p-Xylene	9.066	106	185172	5.435	ug/L	97
54) o-Xylene	9.471	106	180633	5.571	ug/L	99
55) Styrene	9.490	104	331020	5.927	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	111430	6.474	ug/L	96
59) Bromoform	9.661	173	45445	5.193	ug/L	98
60) Isopropylbenzene	9.860	105	478075	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	79011	6.728	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	372844	5.419	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	378807	5.580	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	249755	5.637	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	256744	5.611	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	238484	5.821	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	16613	6.517	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	172591	5.519	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	151767	6.181	ug/L	99
71) Naphthalene	13.435	128	265172	7.610	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	143659	6.786	ug/L	98

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

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